

WF-C4310 Series User's Guide



Printing

Maintaining the Printer

Solving Problems

Contents

Guide to This Manual

Introduction to the Manuals.	6
Guide to Web Movie Manuals.	6
Searching for Information.	6
Printing Only the Pages You Need.	7
About This Manual.	8
Marks and Symbols.	8
Notes on Screenshots and Illustrations.	8
Operating System References.	8
Trademarks.	9
Copyright.	10

Important Instructions

Safety Instructions.	12
Safety Instructions for Ink.	12
Printer Advisories and Warnings.	13
Advisories and Warnings for Setting Up the Printer.	13
Advisories and Warnings for Using the Printer.	13
Advisories and Warnings for Using the LCD Screen.	14
Advisories and Warnings for Connecting to the Internet.	14
Advisories and Warnings for Using the Printer with a Wireless Connection.	14
Advisories and Warnings for Transporting or Storing the Printer.	14
Notes on the Administrator Password.	14
Default Value of the Administrator Password.	14
Administrator Password Has Not Been Set.	15
Operations that Require You to Enter the Administrator Password.	15
Initializing the Administrator Password.	15
Protecting Your Personal Information.	16

Part Names and Functions

Front.	18
Inside.	19
Rear.	19

Guide to the Control Panel

Control Panel.	21
Home Screen Configuration.	22
Guide to the Network Icon.	22

Menu Screen Configuration.	23
Basic Operations.	24
Entering Characters.	25
Viewing Animations.	25

Loading Paper

Paper Handling Precautions.	28
Precautions for Photo Paper.	29
Paper Size and Type Settings.	29
List of Paper Type.	29
Loading Paper.	30
Loading Pre-punched Paper.	30
Loading Long Papers.	31

Printing

Printing Documents.	35
Printing from a Computer - Windows.	35
Printing from a Computer - Mac OS.	59
Printing Documents from Smart Devices (iOS).	67
Printing Documents from Smart Devices (Android).	68
Printing on Envelopes.	70
Printing on Envelopes from a Computer (Windows).	70
Printing on Envelopes from a Computer (Mac OS).	70
Printing Web Pages.	71
Printing Web Pages from a Computer.	71
Printing Web Pages from Smart Devices.	71
Printing Using a Cloud Service.	72
Registering to Epson Connect Service from the Control Panel.	72

Maintaining the Printer

Checking the Status of Consumables.	74
Improving Print Quality.	74
Adjusting the Print Quality.	74
Checking and Cleaning the Print Head.	76
Preventing nozzle clogging.	77
Aligning the Print Head.	77
Cleaning the Paper Path for Ink Smears.	78
Cleaning the Translucent Film.	78
Cleaning the Printer.	80
Saving Power.	81

Installing or Uninstalling Applications Separately.	82
Installing the Applications Separately.	82
Adding a Genuine Epson Printer (for Mac OS Only).	85
Uninstalling Applications.	85
Updating Applications and Firmware.	87
Transporting and Storing the Printer.	88

Solving Problems

The Printer Does Not Work as Expected.	92
The Printer Does Not Turn On or Off.	92
Power Turns Off Automatically.	92
Paper Does Not Feed Properly.	92
Cannot Print.	95
Cannot Operate the Printer as Expected.	113
A Message is Displayed on the LCD Screen.	115
Paper Gets Jammed.	117
Preventing Paper Jams.	117
It is Time to Replace the Ink Cartridges.	117
Ink Cartridge Handling Precautions.	117
Replacing Ink Cartridges.	120
Continue Printing Temporarily without Replacing Ink Cartridges.	120
It is Time to Replace the Maintenance Box.	123
Maintenance Box Handling Precautions.	123
Replacing a Maintenance Box.	124
Print Quality is Poor.	125
Color Missing, Banding, or Unexpected Colors Appear in Printout.	125
Colored Banding Appears at Intervals of Approximately 1.1 cm or 3.3 cm.	125
Blurry Prints, Vertical Banding, or Misalignment.	126
Striped Patterns Appear.	126
Printout Comes Out as a Blank Sheet.	127
Paper Is Smearred or Scuffed.	128
Printed Photos are Sticky.	129
Images or Photos are Printed in Unexpected Colors.	130
Cannot Print Without Margins.	130
Edges of the Image are Cropped During Borderless Printing.	131
The Position, Size, or Margins of the Printout Are Incorrect.	131
Printed Characters Are Incorrect or Garbled.	132
The Printed Image Is Inverted.	132
Mosaic-Like Patterns in the Prints.	133
Cannot Solve Problem.	133
Cannot Solve Printing Problems.	133

Adding or Replacing the Computer or Devices

Connecting to a Printer that has been Connected to the Network.	136
Using a Network Printer from a Second Computer.	136
Using a Network Printer from a Smart Device.	137
Re-setting the Network Connection.	137
When Replacing the Wireless Router.	137
When Changing the Computer.	138
Changing the Connection Method to the Computer.	138
Making Wi-Fi Settings from the Control Panel.	140
Connecting a Smart Device and Printer Directly (Wi-Fi Direct).	142
About Wi-Fi Direct.	143
Connecting to Devices using Wi-Fi Direct.	143
Disconnecting Wi-Fi Direct (Simple AP) Connection.	145
Changing the Wi-Fi Direct (Simple AP) Settings Such as the SSID.	145
Checking the Network Connection Status.	146
Checking the Network Connection Status from the Control Panel.	146
Printing a Network Connection Report.	147
Printing a Network Status Sheet.	153
Checking the Network of the Computer (Windows only).	153

Product Information

Paper Information.	156
Available Paper and Capacities.	156
Unavailable Paper Types.	159
Consumable Products Information.	159
Ink Cartridge Codes.	159
Maintenance Box Code.	160
Software Information.	160
Software for Printing.	161
Software for Package Creation.	164
Software for Making Settings or Managing Devices.	165
Software for Updating.	167
Settings Menu List.	168
General Settings.	168
Supply Status.	174
Maintenance.	174
Print Status Sheet.	175
Print Counter.	175

Customer Research.	175
Restore Default Settings.	176
Firmware Update.	176
Product Specifications.	176
Printer Specifications.	176
Using Port for the Printer.	177
Interface Specifications.	178
Network Specifications.	178
Supported Third Party Services.	180
Dimensions.	180
Electrical Specifications.	180
Environmental Specifications.	181
Installation Location and Space.	182
System Requirements.	182
Regulatory Information.	183
Standards and Approvals.	183
Restrictions on Copying.	184

Help for Users in Singapore.	222
Help for Users in Thailand.	222
Help for Users in Vietnam.	223
Help for Users in Indonesia.	223
Help for Users in Hong Kong.	226
Help for Users in Malaysia.	227
Help for Users in India.	227
Help for Users in the Philippines.	227

Administrator Information

Connecting the Printer to the Network.	186
Before Making Network Connection.	186
Connecting to the Network from the Control Panel.	188
Settings to Use the Printer.	190
Using the Print Functions.	190
Setting Up AirPrint.	196
Making Basic Operation Settings for the Printer	197
Problems when Making Settings.	199
Managing the Printer.	200
Administrator Settings.	200
Disabling the External Interface.	201
Monitoring a Remote Printer.	201
Backing Up the Settings.	202
Advanced Security Settings.	203
Security Settings and Prevention of Danger.	203
Controlling Using Protocols.	204
Using a Digital Certificate.	208
SSL/TLS Communication with the Printer.	213
Solving Problems for Advanced Security.	215

Where to Get Help

Technical Support Web Site.	220
Contacting Epson Support.	220
Before Contacting Epson.	220
Help for Users in Europe.	220
Help for Users in Taiwan.	220
Help for Users in Australia.	221
Help for Users in New Zealand.	221

Guide to This Manual

Introduction to the Manuals.	6
Guide to Web Movie Manuals.	6
Searching for Information.	6
Printing Only the Pages You Need.	7
About This Manual.	8
Trademarks.	9
Copyright.	10

Introduction to the Manuals

The following manuals are supplied with your Epson printer. As well as the manuals, check the various types of help information available from the printer itself or from the Epson software applications.

- Important Safety Instructions (paper manual)
Provides you with instructions to ensure the safe use of this printer.
- Start Here (paper manual)
Provides you with information on setting up the printer and installing the software.
- User's Guide (digital manual)
This manual. This manual is available as PDF and Web manuals. Provides overall information and instructions on using the printer, on network settings when using the printer on a network, and on solving problems.

You can obtain the latest versions of the above manuals with the following methods.

- Paper manual
Visit the Epson Europe support website at <http://www.epson.eu/support>, or the Epson worldwide support website at <http://support.epson.net/>.
- Digital manual
To view the Web manual, visit the following website, enter the product name, and then go to **Support**.
<https://epson.sn>

Guide to Web Movie Manuals

You can watch Web Movie Manuals to learn how to use the printer. Access the following website. The contents of the Web Movie Manuals are subject to change without prior notice.



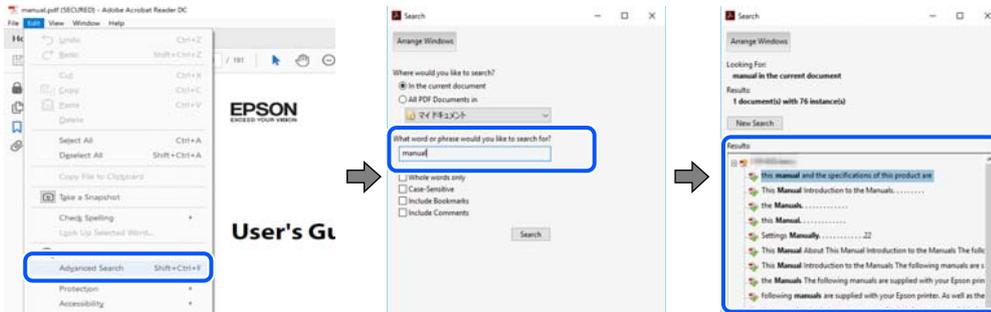
https://support.epson.net/publist/video.php?model=wf-c4310_series

Searching for Information

The PDF manual allows you to search for information you are looking for by keyword, or jump directly to specific sections using the bookmarks. This section explains how to use a PDF manual that has been opened in Adobe Acrobat Reader DC on your computer.

Searching by keyword

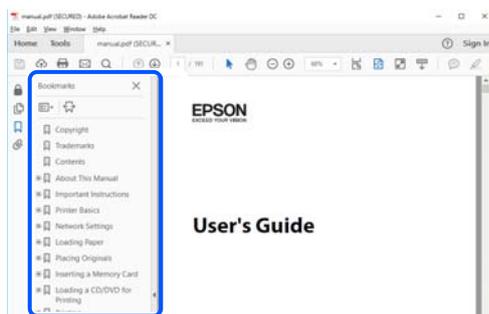
Click **Edit > Advanced Search**. Enter the keyword (text) for information you want to find in the search window, and then click **Search**. Hits are displayed as a list. Click one of the displayed hits to jump to that page.



Jumping directly from bookmarks

Click a title to jump to that page. Click + or > to view the lower level titles in that section. To return to the previous page, perform the following operation on your keyboard.

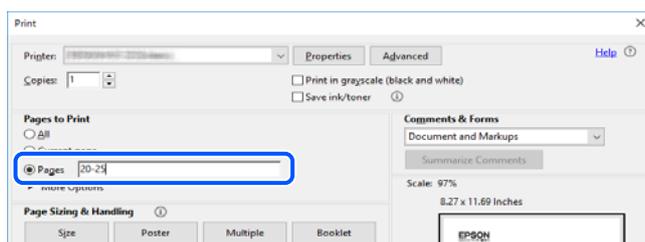
- Windows: Hold down **Alt**. and then press **←**.
- Mac OS: Hold down the command key, and then press **←**.



Printing Only the Pages You Need

You can extract and print only the pages you need. Click **Print** in the **File** menu, and then specify the pages you want to print in **Pages** in **Pages to Print**.

- To specify a series of pages, enter a hyphen between the start page and the end page.
Example: 20-25
- To specify pages that are not in series, divide the pages with commas.
Example: 5, 10, 15



About This Manual

This section explains the meaning of marks and symbols, notes on descriptions, and operating system reference information used in this manual.

Marks and Symbols



Caution:

Instructions that must be followed carefully to avoid bodily injury.



Important:

Instructions that must be observed to avoid damage to your equipment.

Note:

Provides complementary and reference information.

Related Information

➔ Links to related sections.



Provides Web Movie Manuals of the operating instructions. See the related information link.

Notes on Screenshots and Illustrations

- Screenshots of the printer driver are from Windows 10 or macOS High Sierra (10.13). The content displayed on the screens varies depending on the model and situation.
- Illustrations used in this manual are examples only. Although there may be slight differences depending on the model, the method of operation is the same.
- Some of the menu items on the LCD screen vary depending on the model and settings.
- You can read the QR code using dedicated app.

Operating System References

Windows

In this manual, terms such as "Windows 11", "Windows 10", "Windows 8.1", "Windows 8", "Windows 7", "Windows Vista", "Windows XP", "Windows Server 2022", "Windows Server 2019", "Windows Server 2016", "Windows Server 2012 R2", "Windows Server 2012", "Windows Server 2008 R2", "Windows Server 2008", "Windows Server 2003 R2", and "Windows Server 2003" refer to the following operating systems. Additionally, "Windows" is used to refer to all versions.

- Microsoft® Windows® 11 operating system
- Microsoft® Windows® 10 operating system

- Microsoft® Windows® 8.1 operating system
- Microsoft® Windows® 8 operating system
- Microsoft® Windows® 7 operating system
- Microsoft® Windows Vista® operating system
- Microsoft® Windows® XP operating system
- Microsoft® Windows® XP Professional x64 Edition operating system
- Microsoft® Windows Server® 2022 operating system
- Microsoft® Windows Server® 2019 operating system
- Microsoft® Windows Server® 2016 operating system
- Microsoft® Windows Server® 2012 R2 operating system
- Microsoft® Windows Server® 2012 operating system
- Microsoft® Windows Server® 2008 R2 operating system
- Microsoft® Windows Server® 2008 operating system
- Microsoft® Windows Server® 2003 R2 operating system
- Microsoft® Windows Server® 2003 operating system

Mac OS

In this manual, "Mac OS" is used to refer to Mac OS X 10.9.5 or later as well as macOS 11 or later.

Trademarks

- EPSON® is a registered trademark, and EPSON EXCEED YOUR VISION or EXCEED YOUR VISION is a trademark of Seiko Epson Corporation.
- QR Code is a registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.
- Microsoft®, Windows®, Windows Server®, and Windows Vista® are registered trademarks of Microsoft Corporation.
- Apple, Mac, macOS, OS X, Bonjour, ColorSync, Safari, AirPrint, iPad, iPhone, iPod touch, and App Store are trademarks of Apple Inc., registered in the U.S. and other countries.
- Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.
- Chrome, Google Play, and Android are trademarks of Google LLC.
- Adobe, Acrobat, and Reader are either registered trademarks or trademarks of Adobe in the United States and/or other countries.
- Firefox is a trademark of the Mozilla Foundation in the U.S. and other countries.
- Mopria® and the Mopria® Logo are registered and/or unregistered trademarks and service marks of Mopria Alliance, Inc. in the United States and other countries. Unauthorized use is strictly prohibited.
- General Notice: Other product names used herein are for identification purposes only and may be trademarks of their respective owners. Epson disclaims any and all rights in those marks.

Copyright

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Seiko Epson Corporation. No patent liability is assumed with respect to the use of the information contained herein. Neither is any liability assumed for damages resulting from the use of the information herein. The information contained herein is designed only for use with this Epson product. Epson is not responsible for any use of this information as applied to other products.

Neither Seiko Epson Corporation nor its affiliates shall be liable to the purchaser of this product or third parties for damages, losses, costs, or expenses incurred by the purchaser or third parties as a result of accident, misuse, or abuse of this product or unauthorized modifications, repairs, or alterations to this product, or (excluding the U.S.) failure to strictly comply with Seiko Epson Corporation's operating and maintenance instructions.

Seiko Epson Corporation and its affiliates shall not be liable for any damages or problems arising from the use of any options or any consumable products other than those designated as Original Epson Products or Epson Approved Products by Seiko Epson Corporation.

Seiko Epson Corporation shall not be held liable for any damage resulting from electromagnetic interference that occurs from the use of any interface cables other than those designated as Epson Approved Products by Seiko Epson Corporation.

© 2022 Seiko Epson Corporation

The contents of this manual and the specifications of this product are subject to change without notice.

Important Instructions

Safety Instructions.	12
Printer Advisories and Warnings.	13
Notes on the Administrator Password.	14
Protecting Your Personal Information.	16

Safety Instructions

Read and follow these instructions to ensure safe use of this printer. Make sure you keep this manual for future reference. Also, be sure to follow all warnings and instructions marked on the printer.

- Some of the symbols used on your printer are to ensure safety and proper use of the printer. Visit the following Web site to learn the meaning of the symbols.
<http://support.epson.net/symbols/>
- Use only the power cord supplied with the printer and do not use the cord with any other equipment. Use of other cords with this printer or the use of the supplied power cord with other equipment may result in fire or electric shock.
- Be sure your AC power cord meets the relevant local safety standard.
- Never disassemble, modify, or attempt to repair the power cord, plug, printer unit, or options by yourself, except as specifically explained in the printer's manuals.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:
The power cord or plug is damaged; liquid has entered the printer; the printer has been dropped or the casing damaged; the printer does not operate normally or exhibits a distinct change in performance. Do not adjust controls that are not covered by the operating instructions.
- Place the printer near a wall outlet where the plug can be easily unplugged.
- Do not place or store the printer outdoors, near excessive dirt or dust, water, heat sources, or in locations subject to shocks, vibrations, high temperature or humidity.
- Take care not to spill liquid on the printer and not to handle the printer with wet hands.
- Keep the printer at least 22 cm away from cardiac pacemakers. Radio waves from this printer may adversely affect the operation of cardiac pacemakers.
- If the LCD screen is damaged, contact your dealer. If the liquid crystal solution gets on your hands, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.

Safety Instructions for Ink

- Be careful when you handle used ink cartridges, as there may be some ink around the ink supply port.
 - If ink gets on your skin, wash the area thoroughly with soap and water.
 - If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.
 - If ink gets into your mouth, see a doctor right away.
- Do not disassemble the ink cartridge and the maintenance box; otherwise ink may get into your eyes or on your skin.
- Do not shake ink cartridges too vigorously and do not drop them. Also, be careful not to squeeze them or tear their labels. Doing so may cause ink leakage.
- Keep ink cartridges and maintenance box out of the reach of children.

Printer Advisories and Warnings

Read and follow these instructions to avoid damaging the printer or your property. Make sure you keep this manual for future reference.

Advisories and Warnings for Setting Up the Printer

- Do not block or cover the vents and openings in the printer.
- Use only the type of power source indicated on the printer's label.
- Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- Avoid electrical outlets controlled by wall switches or automatic timers.
- Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- The power-supply cords should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of the power-supply cords and do not allow the power-supply cords to be stepped on or run over. Be particularly careful to keep all the power-supply cords straight at the ends and the points where they enter and leave the transformer.
- If you use an extension cord with the printer, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- If you plan to use the printer in Germany, the building installation must be protected by a 10 or 16 amp circuit breaker to provide adequate short-circuit protection and over-current protection for the printer.
- When connecting the printer to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- Place the printer on a flat, stable surface that extends beyond the base of the printer in all directions. The printer will not operate properly if it is tilted at an angle.
- Allow space above the printer so that you can fully raise the printer cover.
- Leave enough space in front of the printer for the paper to be fully ejected.
- Avoid places subject to rapid changes in temperature and humidity. Also, keep the printer away from direct sunlight, strong light, or heat sources.

Advisories and Warnings for Using the Printer

- Do not insert objects through the slots in the printer.
- Do not put your hand inside the printer during printing.
- Do not touch the white flat cable inside the printer.
- Do not use aerosol products that contain flammable gases inside or around the printer. Doing so may cause fire.
- Do not move the print head by hand; otherwise, you may damage the printer.
- Always turn the printer off using the  button. Do not unplug the printer or turn off the power at the outlet until the  light stops flashing.

- If you are not going to use the printer for a long period, be sure to unplug the power cord from the electrical outlet.

Advisories and Warnings for Using the LCD Screen

- The LCD screen may contain a few small bright or dark spots, and because of its features it may have an uneven brightness. These are normal and do not indicate that it is damaged in any way.
- Only use a dry, soft cloth for cleaning. Do not use liquid or chemical cleaners.
- The exterior cover of the LCD screen could break if it receives a heavy impact. Contact your dealer if the screen's surface chips or cracks, and do not touch or attempt to remove the broken pieces.

Advisories and Warnings for Connecting to the Internet

Do not connect this product to the Internet directly. Connect it in a network protected by a router or firewall.

Advisories and Warnings for Using the Printer with a Wireless Connection

- Radio waves from this printer may negatively affect the operation of medical electronic equipment, causing them to malfunction. When using this printer inside medical facilities or near medical equipment, follow directions from the authorized personnel representing the medical facilities, and follow all posted warnings and directions on the medical equipment.
- Radio waves from this printer may negatively affect the operation of automatically controlled devices such as automatic doors or fire alarms, and could lead to accidents due to malfunction. When using this printer near automatically controlled devices, follow all posted warnings and directions on these devices.

Advisories and Warnings for Transporting or Storing the Printer

- When storing or transporting the printer, avoid tilting it, placing it vertically, or turning it upside down; otherwise ink may leak.
- Before transporting the printer, make sure that the print head is in the home (far right) position.

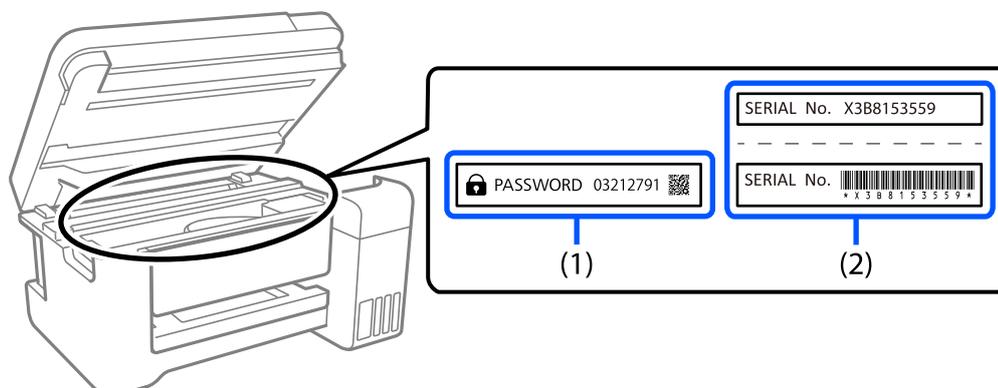
Notes on the Administrator Password

This printer allows you to set an administrator password to prevent unauthorized access or changes to the device settings and network settings stored in the product when connecting to a network.

Default Value of the Administrator Password

The default value of the administrator password is printed on the label on the product itself, such as the one shown. The position where the label is attached depends on the product, such as the side where the cover is opened, the back, or the bottom.

The following illustration is an example of the label attachment position on the side of the printer where the cover opens.



If both labels (1) and (2) are attached, the value next to PASSWORD written on the label in (1) is the default value. In this example, the default value is 03212791.

If only label (2) is attached, the serial number printed on the label in (2) is the default value. In this example, the default value is X3B8153559.

Administrator Password Has Not Been Set

Set a password on the password entry screen that is displayed when you access Web Config.

Related Information

➔ [“Running Web Config on a Web Browser” on page 165](#)

Operations that Require You to Enter the Administrator Password

If you are prompted to enter the administrator password when performing the following operations, enter the administrator password set on the printer.

- When updating the firmware of the printer from a computer or smart device
- When logging on to the advanced settings of Web Config
- When setting using an application that can change the printer's settings.

Initializing the Administrator Password

You can return the administrator password to the default settings by initializing the network settings.

Related Information

➔ [“Restore Default Settings” on page 176](#)

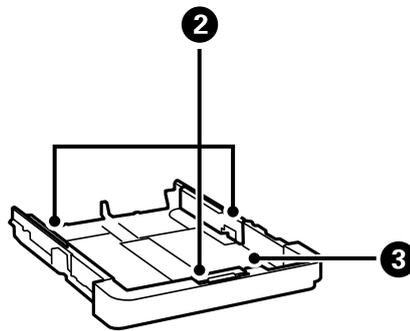
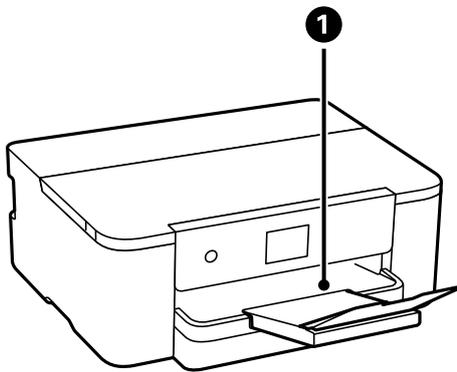
Protecting Your Personal Information

When you give the printer to someone else or dispose of it, erase all the personal information stored in the printer's memory by selecting **Settings > Restore Default Settings > All Settings** on the control panel.

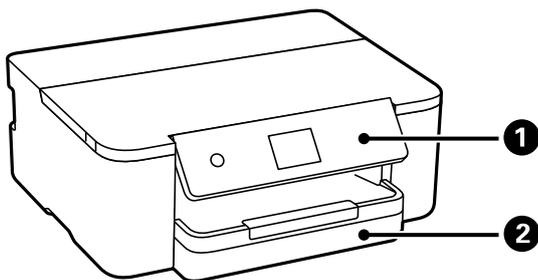
Part Names and Functions

Front.	18
Inside.	19
Rear.	19

Front

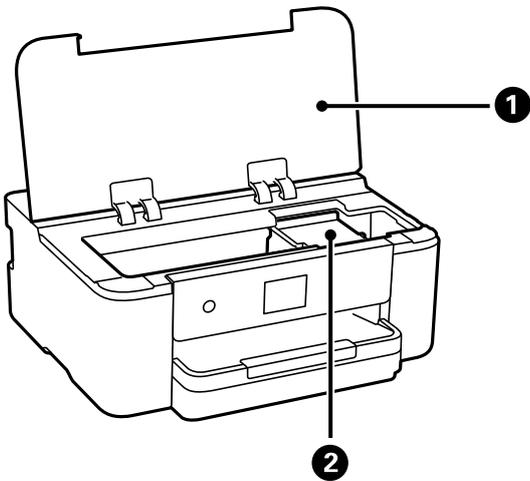


①	Output tray	Holds the ejected paper.
②	Edge guide	Feeds the paper straight into the printer. Slide to the edges of the paper.
③	Paper cassette	Loads paper.



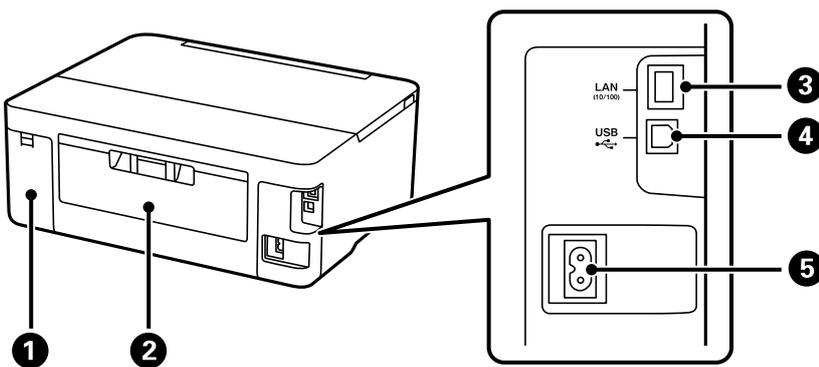
①	Control panel	Allows you to make settings and perform operations on the printer. Also displays the printer's status.
②	Paper cassette	Loads paper.

Inside



<p>1</p>	<p>Printer cover</p>	<p>Open when replacing ink cartridges or removing jammed paper inside the printer.</p> <p>Keep this cover closed while the printer is not in use to prevent foreign substances from entering the printer.</p>
<p>2</p>	<p>Ink cartridge holder</p>	<p>Install the ink cartridges. Ink is ejected from the print head nozzles underneath.</p>

Rear

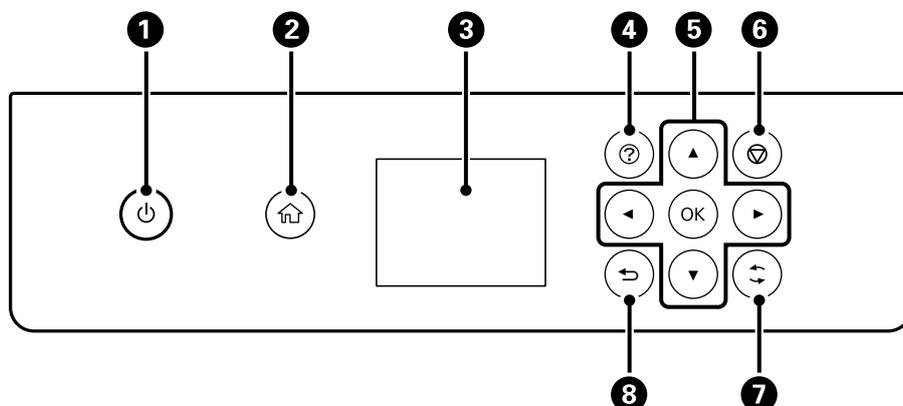


<p>1</p>	<p>Maintenance box cover</p>	<p>Remove when replacing the maintenance box. The maintenance box is a container that collects a very small amount of surplus ink during cleaning or printing.</p>
<p>2</p>	<p>Rear cover</p>	<p>Remove when removing jammed paper.</p>
<p>3</p>	<p>LAN port</p>	<p>Connects a LAN cable.</p>
<p>4</p>	<p>USB port</p>	<p>Connects a USB cable to connect with a computer.</p>
<p>5</p>	<p>AC inlet</p>	<p>Connects the power cord.</p>

Guide to the Control Panel

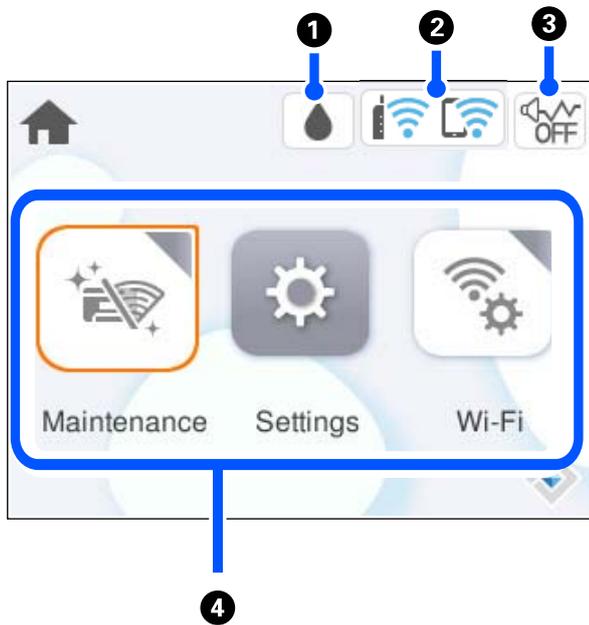
Control Panel.	21
Home Screen Configuration.	22
Menu Screen Configuration.	23
Basic Operations.	24
Entering Characters.	25
Viewing Animations.	25

Control Panel



<p>❶</p>	<p>Turns the printer on or off. Unplug the power cord after checking that the power light is off.</p>
<p>❷</p>	<p>Displays the home screen.</p>
<p>❸</p>	<p>Displays menus and messages. Use buttons on the control panel to select or to make settings.</p>
<p>❹</p>	<p>Displays the Help screen. You can view the operating instructions or the solutions to problems.</p>
<p>❺</p>	<p>Use the ▲▼◀▶ buttons to move the focus to the target, and then press the OK button to open the selected menu or to make settings.</p>
<p>❻</p>	<p>Cancels the print job in progress.</p>
<p>❼</p>	<p>Applies to a variety of functions depending on the situation.</p>
<p>❽</p>	<p>Returns to the previous screen.</p>

Home Screen Configuration



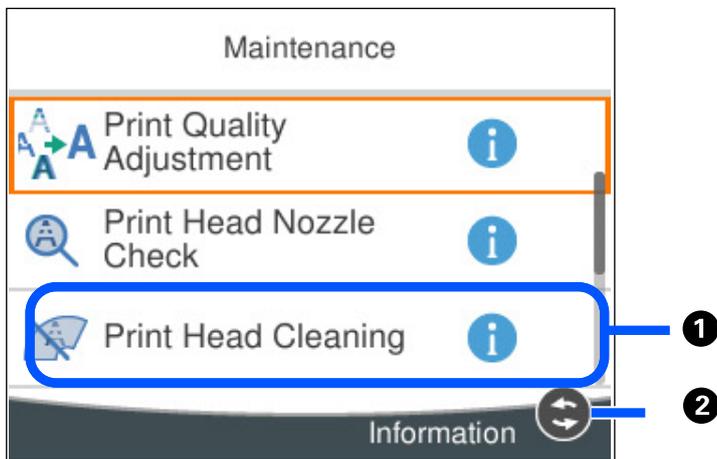
1		Displays the Supply Status screen. You can check the approximate ink levels and the approximate service life of the maintenance box. You can also replace the ink cartridges or print the supply status sheet.
2		Displays the network connection status. "Guide to the Network Icon" on page 22
3		Indicates that Quiet Mode is set for the printer. When this feature is enabled, the noise made by printer operations is reduced, but print speed may slow down. However, noises may not be reduced depending on the selected paper type and print quality. Select to change the setting.
4	<p>Displays each menu.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Maintenance Displays the menus recommended to improve the quality of your printouts such as unclogging nozzles by printing a nozzle check pattern and performing head cleaning, and improving blurring or banding in your printouts by aligning the print head. <input type="checkbox"/> Settings Allows you to make settings related to maintenance, printer settings, and operations. <input type="checkbox"/> Wi-Fi Displays menus that allow you to set up the printer for use on a wireless network. 	

Guide to the Network Icon

	The printer is not connected to a wired (Ethernet) network or a wireless (Wi-Fi) network.
	The printer is connected to a wired (Ethernet) network.

	The printer is searching for SSID, unset IP address, or having a problem with a wireless (Wi-Fi) network.
	The printer is connected to a wireless (Wi-Fi) network. The number of bars indicates the signal strength of the connection. The more bars there are, the stronger the connection.
	The printer is not connected to a wireless (Wi-Fi) network in Wi-Fi Direct (Simple AP) mode.
	The printer is connected to a wireless (Wi-Fi) network in Wi-Fi Direct (Simple AP) mode.

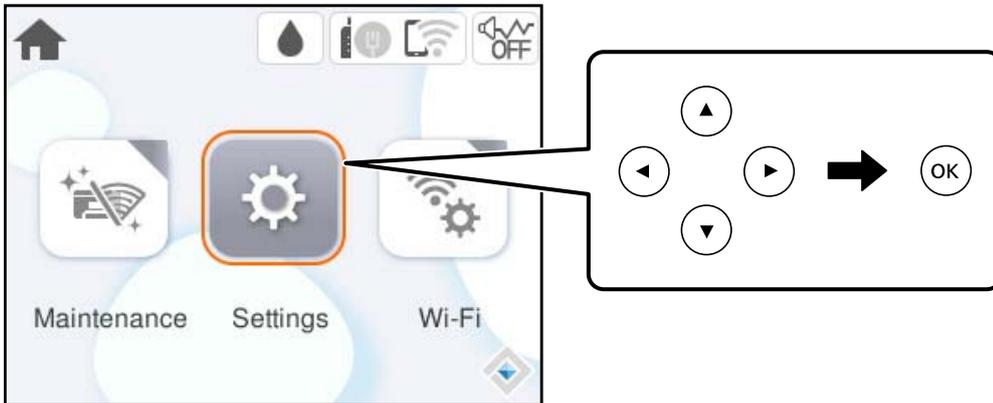
Menu Screen Configuration



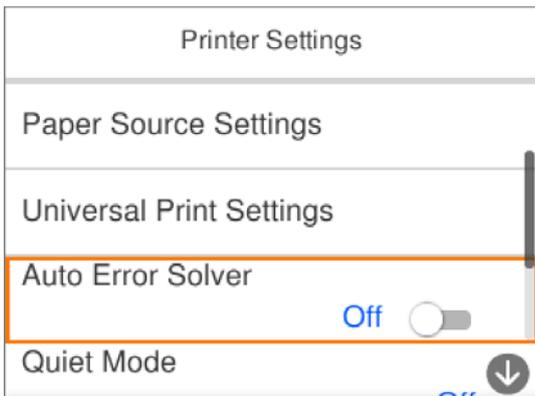
1	When  is displayed, you can view additional information by pressing  button.
2	Available buttons are displayed.

Basic Operations

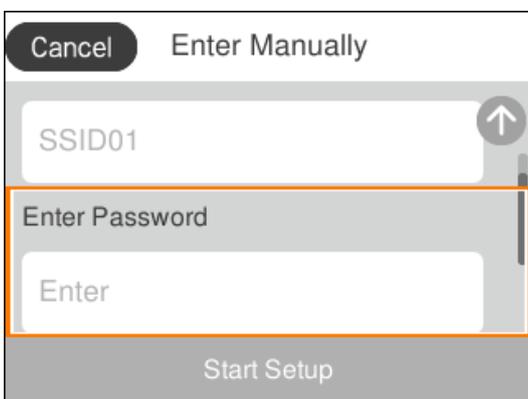
Move the focus using the ▲▼◀▶ buttons to select the items, and then press the OK button to confirm your selection or run the selected feature.



Move the focus to the setting item using the ▲▼◀▶ buttons, and then press the OK button to switch the item on or off.

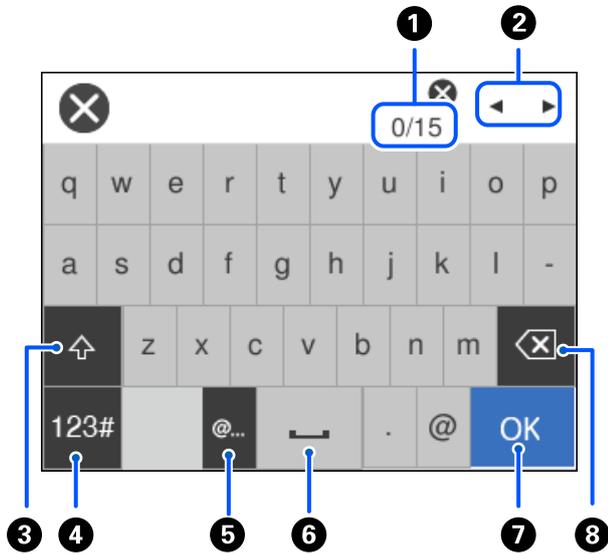


To enter the value, name, address, and so on, move the focus to the input field using the ▲▼◀▶ buttons, and then press the OK button to display the on-screen keyboard.



Entering Characters

You can enter characters and symbols by using on-screen keyboard when you make network settings, and so on.



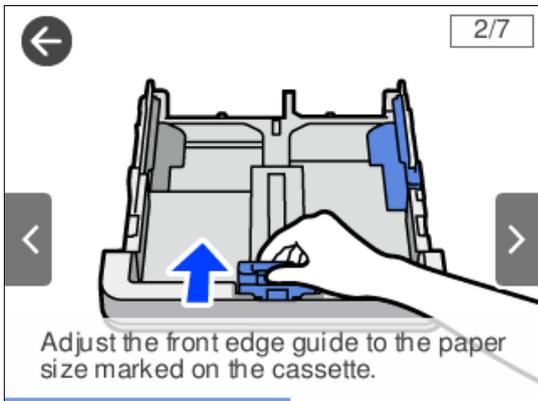
1	Indicates the character count.
2	Moves the cursor to the input position.
3	Switches between upper case and lower case or numbers and symbols.
4	Switches the character type.  : You can enter numbers and symbols.  : You can enter letters.
5	Enters frequently used email domain addresses or URLs by simply selecting the item.
6	Enters a space.
7	Enters character.
8	Deletes a character to the left.

Viewing Animations

You can view animations of operating instructions such as loading paper or removing jammed paper on the LCD screen.

- ❑ Select : Displays the help screen. Select **How To** and select the items that you want to view.

- Select **How To** at the bottom of the operation screen: Displays the context-sensitive animation.

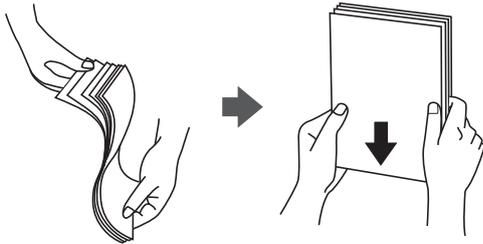


Loading Paper

Paper Handling Precautions.	28
Paper Size and Type Settings.	29
Loading Paper.	30

Paper Handling Precautions

- ❑ Read the instruction sheets supplied with the paper.
- ❑ To achieve high-quality printouts with genuine Epson paper, use the paper in the environment stated on the sheets supplied with the paper.
- ❑ Fan and align the edges of the paper before loading. Do not fan or curl photo paper. Doing so may damage the printable side.



- ❑ If the paper is curled, flatten it or curl it slightly in the opposite direction before loading. Printing on curled paper may cause paper jams and smears on the printout.



- ❑ Paper feed problems may occur frequently for manual 2-sided printing when printing on one side of pre-printed paper. Reduce the number of sheets to half or less, or load one sheet of paper at a time if paper jams continue.
- ❑ Make sure you are using long-grain paper. If you are not sure what type of paper you are using, check the paper packaging or contact the manufacturer to confirm the paper specifications.
- ❑ Fan and align the edges of the envelopes before loading. When the stacked envelopes are puffed up with air, press them down to flatten them before loading.



Related Information

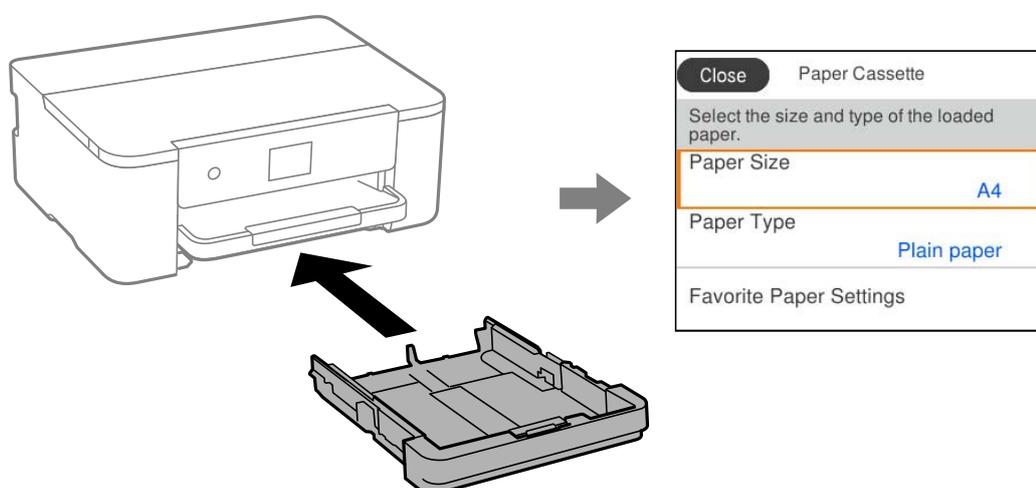
- ➔ [“Available Paper and Capacities” on page 156](#)
- ➔ [“Unavailable Paper Types” on page 159](#)

Precautions for Photo Paper

When printing on glossy photo paper, ink drying time will be considerably extended. Drying times depends on humidity, temperature and other conditions. Do not touch the printed side until ink is completely dry. Moisture and oils from your skin can also affect print quality. Even after dry, avoid rubbing or scratching the surface of the printed paper.

Paper Size and Type Settings

If you register the paper size and type on the screen displayed when you insert the paper cassette, the printer informs you when the registered information and print settings differ. This prevents you from wasting paper and ink by making sure you are not printing on the wrong paper size or printing in the wrong color due to using settings that do not match the paper type.



If displayed paper size and type differ from the loaded paper, select the item to change. If the settings match the loaded paper, close the screen.

Note:

You can also display the paper size and paper type settings screen by selecting **Settings > General Settings > Printer Settings > Paper Source Settings > Paper Setting**.

List of Paper Type

To obtain optimum printing results, select the paper type that suits the paper.

Media Name	Media Type	
	Control Panel	Printer Driver, Smart device*
Epson Business Paper Epson Bright White Ink Jet Paper	Plain paper	Plain paper
Epson Ultra Glossy Photo Paper	Ultra Glossy	Epson Ultra Glossy
Epson Premium Glossy Photo Paper	Prem. Glossy	Epson Premium Glossy

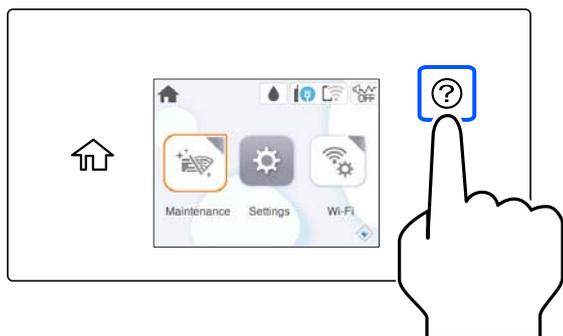
Media Name	Media Type	
	Control Panel	Printer Driver, Smart device*
Epson Premium Semigloss Photo Paper	Prem. Semigloss	Epson Premium Semigloss
Epson Photo Paper Glossy	Glossy	Photo Paper Glossy
Epson Double-Sided Matte Paper	Matte	Epson Matte
Epson Matte Paper-Heavyweight	Matte	Epson Matte
Epson Photo Quality Ink Jet Paper	Photo Quality Ink Jet	Epson Photo Quality Ink Jet

* For smart devices, these media types can be selected when printing using Epson Smart Panel.

Loading Paper

You can load paper or envelopes by referring to the animations displayed on the printer's LCD screen.

Select , and then select **How To > Load paper**.

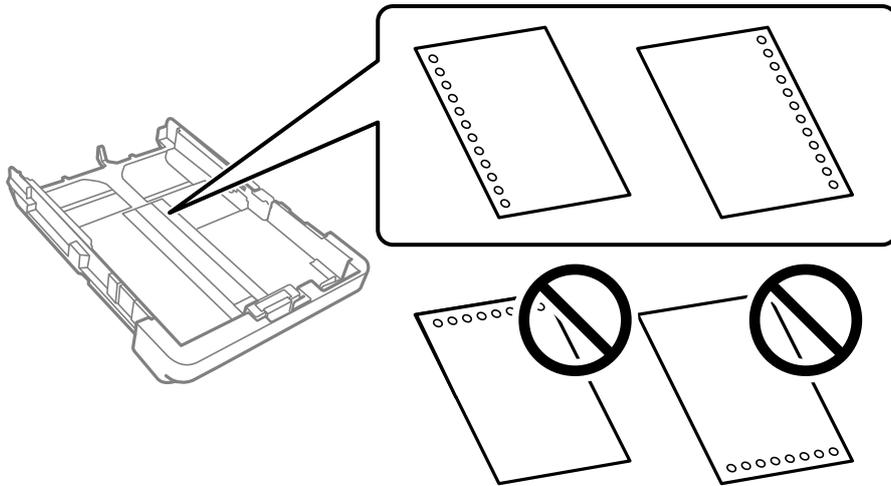


If you want to stop viewing the animation, close the screen.

Loading Pre-punched Paper

Load a single sheet of pre-punched paper in the paper cassette.

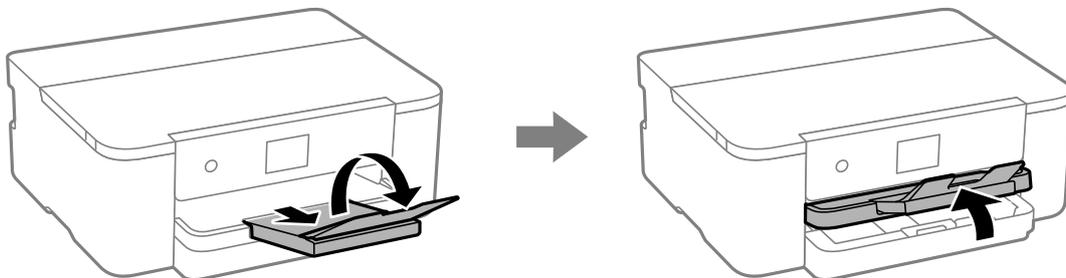
Paper size: A4, B5, A5, A6, Letter, Legal



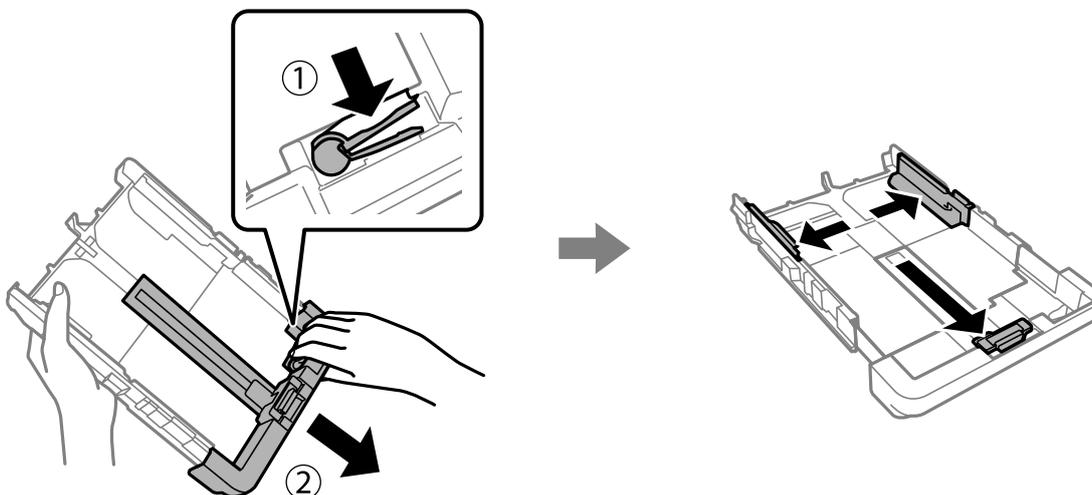
- ❑ Adjust the print position of your file to avoid printing over the holes.
- ❑ Automatic 2-sided printing is not available for pre-punched paper.
- ❑ Select **Letterhead** or **Preprinted** as the paper type setting.

Loading Long Papers

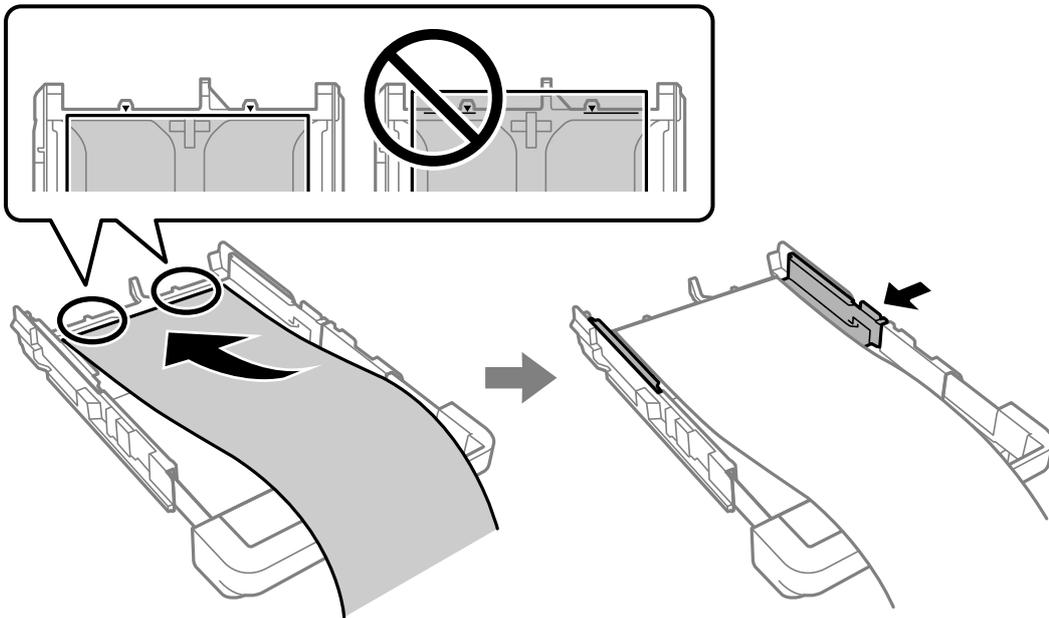
When loading paper longer than legal size, extend the output tray and then raise it.



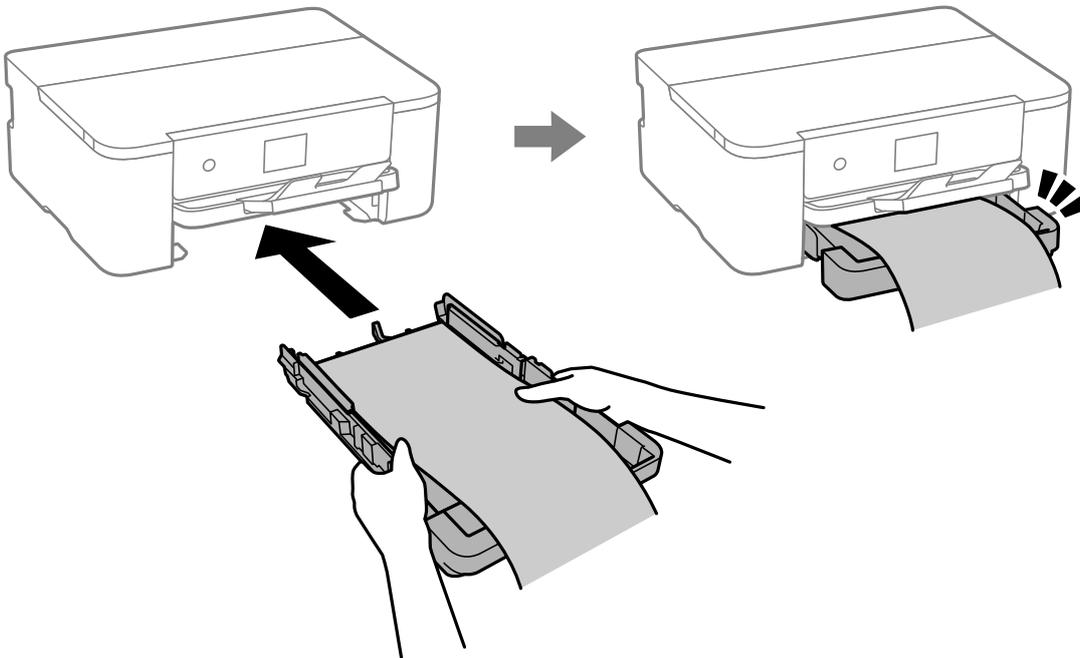
Extend the paper cassette, and then slide the edge guides to their maximum positions.



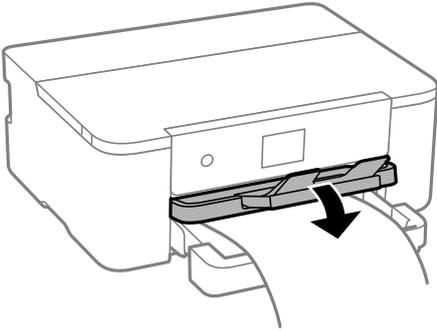
With the printable side facing down, load a single sheet of paper that does not extend beyond the triangle symbol at the end of the cassette. Slide the edge guide to the edge of the paper.



While holding the paper steady with your hands, insert the paper cassette until it clicks.



Lower the output tray. Select **User-Defined** as the paper size setting.



- Make sure the end of the paper is cut perpendicularly. A diagonal cut may cause paper feed problems.
- If the paper is curled, flatten it or curl it slightly in the opposite direction before loading. Printing on curled paper may cause paper jams and smears on the printout.
- Do not touch paper that is being fed or ejected. It could injure your hand or cause print quality to decline.

Printing

Printing Documents.	35
Printing on Envelopes.	70
Printing Web Pages.	71
Printing Using a Cloud Service.	72

Printing Documents

Printing from a Computer - Windows

Printing Using Easy Settings

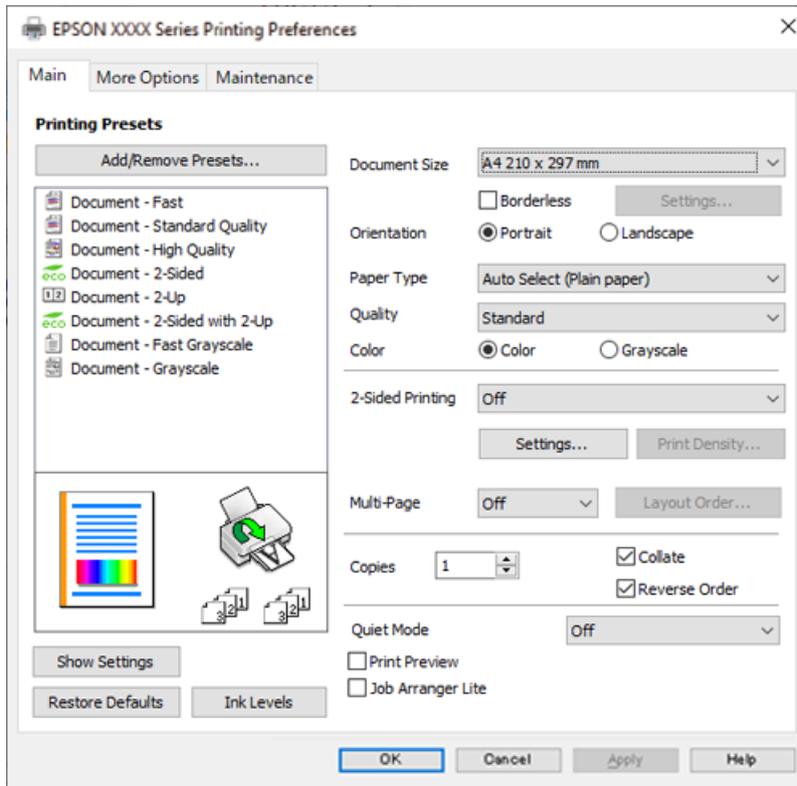


Note:

Operations may differ depending on the application. See the application's help for details.

1. Load paper in the printer.
[“Loading Paper” on page 30](#)
2. Open the file you want to print.
3. Select **Print** or **Print Setup** from the **File** menu.
4. Select your printer.

5. Select **Preferences** or **Properties** to access the printer driver window.



6. Change the settings as necessary.

See the menu options for the printer driver for details.

Note:

- You can also see the online help for explanations of the setting items. Right-clicking an item displays **Help**.
- When you select **Print Preview**, you can see a preview of your document before printing.

7. Click **OK** to close the printer driver window.

8. Click **Print**.

Note:

- When you select **Print Preview**, a preview window is displayed. To change the settings, click **Cancel**, and then repeat the procedure from step 3.
- If you want to cancel printing, on your computer right-click on your printer in **Devices and Printers**, **Printer**, or in **Printers and Faxes**. Click **See what's printing**, right-click on the job you want to cancel, and then select **Cancel**. However, you cannot cancel a print job from the computer once it has been completely sent to the printer. In this case, cancel the print job by using the printer's control panel.

Related Information

- ➔ [“Available Paper and Capacities” on page 156](#)
- ➔ [“List of Paper Type” on page 29](#)
- ➔ [“Menu Options for the Printer Driver” on page 37](#)

Menu Options for the Printer Driver

Open the print window in an application, select the printer, and then access the printer driver window.

Note:

Menus vary depending on the option you selected.

Main Tab

Printing Presets:

Add/Remove Presets:

You can add or remove your own presets for frequently used print settings. Select the preset you want to use from the list.

Document Size:

Select the paper size on which you want to print. If you select **User-Defined**, enter the paper width and height, and then register the size.

Borderless:

Enlarges the print data slightly more than the paper size so that no margins are printed around the edges of the paper. Click **Settings** to select the amount of enlargement.

Orientation:

Select the orientation you want to use to print.

Paper Type:

Select the type of paper on which you print.

Quality:

Select the print quality you want to use for printing. Available settings depend on the paper type you select. Selecting **High** provides higher quality printing, but the printing speed may be slower.

Color:

Select whether to print in color or in monochrome.

2-Sided Printing:

Allows you to perform 2-sided printing.

Settings:

You can specify the binding edge and the binding margins. When printing multi-page documents, you can select to print starting from either the front or the back side of the page.

Print Density:

Select the document type to adjust the print density. If the appropriate print density is selected, you can prevent images from bleeding through to the reverse side. Select **User Defined** to adjust the print density manually.

Multi-Page:

Allows you to print several pages on one sheet or perform poster printing. Click **Layout Order** to specify the order in which pages are printed.

Copies:

Set the number of copies you want to print.

Collate:

Prints multi-page documents collated in order and sorted into sets.

Reverse Order:

Allows you to print from the last page so that the pages are stacked in the correct order after printing.

Quiet Mode:

Reduces the noise the printer makes. However, enabling this may reduce print speed.

Print Preview:

Displays a preview of your document before printing.

Job Arranger Lite:

Job Arranger Lite allows you to combine several files created by different applications and print them as a single print job.

Show Settings/Hide Settings:

Displays a list of items currently set on the **Main** and **More Options** tabs. You can show or hide the current setting list screen.

Restore Defaults:

Return all settings to their factory default values. The settings on the **More Options** tab are also reset to their defaults.

Ink Levels:

Displays the approximate ink level.

More Options Tab

Printing Presets:

Add/Remove Presets:

You can add or remove your own presets for frequently used print settings. Select the preset you want to use from the list.

Document Size:

Select the paper size on which you want to print.

Output Paper:

Select the paper size on which you want to print. If the **Document Size** differs from the **Output Paper**, **Reduce/Enlarge Document** is selected automatically. You do not have to select it when printing without reducing or enlarging the size of a document.

Reduce/Enlarge Document:

Allows you to reduce or enlarge the size of a document.

Fit to Page:

Automatically reduce or enlarge the document to fit to the paper size selected in **Output Paper**.

Zoom to:

Prints with a specific percentage.

Center:

Prints images in the center of the paper.

Color Correction:

Automatic:

Adjusts the tone of images automatically.

Custom:

Allows you to perform manual color correction. Clicking **Advanced** opens the Color Correction screen where you can select a detailed method of color correction. Allows you to set the method for Color Universal Print and emphasize text and thin lines when you click **Image Options**. You can also enable Edge Smoothing, Fix Red-Eye, and print settings with reduced edge blurring.

Watermark Features:

Allows you to make settings for anti-copy patterns, watermarks, or headers and footers.

Add/Delete:

Allows you to add or remove any anti-copy patterns or watermarks that you want to use.

Settings:

Allows you to set the printing method for anti-copy patterns or watermarks.

Header/Footer:

You can print information such as a user name and printing date in headers or footers. You can then set color, font, size, or style.

Additional Settings:

Rotate 180°:

Rotates pages 180 degrees before printing. Select this item when printing on paper such as envelopes that are loaded in fixed direction in the printer.

Bidirectional Printing:

Prints when the print head moves in both directions. The print speed is faster, but the quality may decline.

Mirror Image:

Inverts the image so that it prints as it would appear in a mirror.

Show Settings/Hide Settings:

Displays a list of items currently set on the **Main** and **More Options** tabs. You can show or hide the current setting list screen.

Restore Defaults:

Return all settings to their factory default values. The settings on the **Main** tab are also reset to their defaults.

Maintenance Tab

Print Head Nozzle Check:

Prints a nozzle check pattern to check if the print head nozzles are clogged.

Print Head Cleaning:

Cleans the clogged nozzles in the print head. Because this feature uses some ink, clean the print head only if some nozzles are clogged. Print a nozzle check pattern and then select **Cleaning**.

Job Arranger Lite:

Opens the Job Arranger Lite window. Here you can open and edit previously saved data.

EPSON Status Monitor 3:

Opens the EPSON Status Monitor 3 window. Here you can confirm the status of the printer and the consumables.

Monitoring Preferences:

Allows you to make settings for items on the EPSON Status Monitor 3 window.

Extended Settings:

Allows you to make a variety of settings. Right-click each item to view the Help for more details.

Print Queue:

Displays the jobs waiting to be printed. You can check, pause, or resume print jobs.

Language:

Changes the language to be used on the printer driver window. To apply the settings, close the printer driver, and then open it again.

Software Update:

Starts EPSON Software Updater to check for the latest version of applications on the Internet.

Online Order:

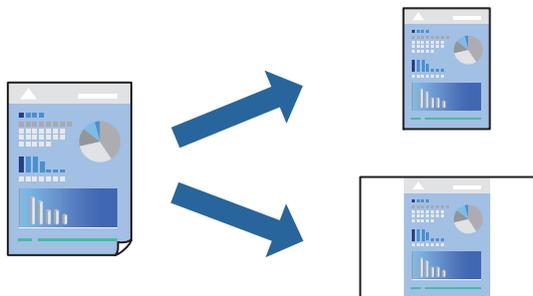
Allows you to access the site where you can purchase Epson's ink cartridges.

Technical Support:

If the manual is installed on your computer, the manual is displayed. If it is not installed, you can connect to the Epson Web site to check the manual and available technical support.

Adding Printing Presets for Easy Printing

If you create your own preset of frequently used print settings on the printer driver, you can print easily by selecting the preset from the list.



1. On the printer driver's **Main** or **More Options** tab, set each item (such as **Document Size** and **Paper Type**).
2. Click **Add/Remove Presets** in **Printing Presets**.
3. Enter a **Name** and, if necessary, enter a comment.
4. Click **Save**.

Note:

To delete an added preset, click **Add/Remove Presets**, select the preset name you want to delete from the list, and then delete it.

[“Main Tab” on page 37](#)

[“More Options Tab” on page 38](#)

5. Click **Print**.

The next time you want to print using the same settings, select the registered setting name from **Printing Presets**, and click **OK**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

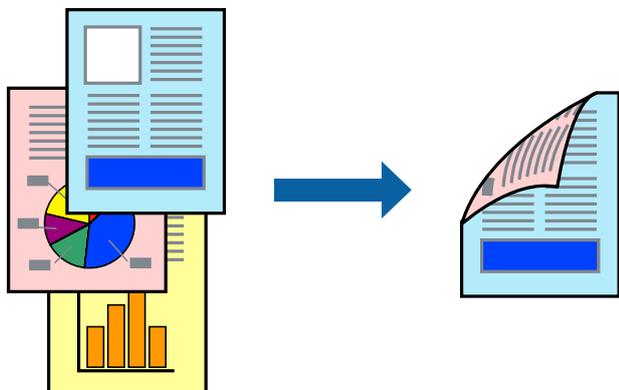
Printing on 2-Sides

You can use either of the following methods to print on both sides of the paper.

- Automatic 2-sided printing

Manual 2-sided printing

When the printer has finished printing the first side, flip the paper over to print on the other side.



Note:

- This feature is not available for borderless printing.
 - If you do not use paper that is suitable for 2-sided printing, the print quality may decline and paper jams may occur.
[“Paper for 2-Sided Printing” on page 158](#)
 - Depending on the paper and the data, ink may bleed through to the other side of the paper.
 - You cannot perform manual 2-sided printing unless **EPSON Status Monitor 3** is enabled. If **EPSON Status Monitor 3** is disabled, access the printer driver window, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.
 - However, it may not be available when the printer is accessed over a network or is used as a shared printer.
1. On the printer driver's **Main** tab, select the method of **2-Sided Printing**.
 2. Click **Settings**, make the appropriate settings, and then click **OK**.
 3. Click **Print Density**, make the appropriate settings, and then click **OK**.

When setting **Print Density**, you can adjust print density according to the document type.

Note:

- This setting is not available when you select manual 2-sided printing.
 - Printing may be slow depending on the combination of options selected for **Select Document Type** in the **Print Density Adjustment** window and for **Quality** on the **Main** tab.
4. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
[“Main Tab” on page 37](#)
[“More Options Tab” on page 38](#)
 5. Click **Print**.

For manual 2-sided printing, when the first side has finished printing, a pop-up window is displayed on the computer. Follow the on-screen instructions.

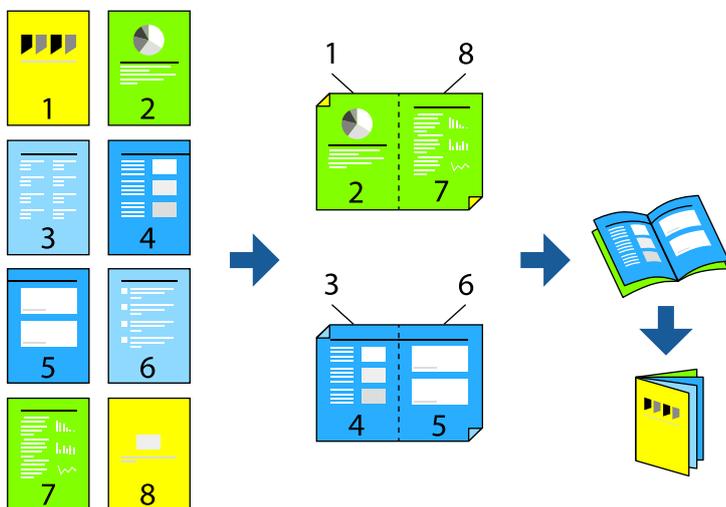
Related Information

- ➔ [“Available Paper and Capacities” on page 156](#)
- ➔ [“Loading Paper” on page 30](#)

➔ “Printing Using Easy Settings” on page 59

Printing a Booklet

You can also print a booklet that can be created by re-ordering the pages and folding the printout.



Note:

- This feature is not available with borderless printing.
 - If you do not use paper that is suitable for 2-sided printing, the print quality may decline and paper jams may occur.
“Paper for 2-Sided Printing” on page 158
 - Depending on the paper and the data, ink may bleed through to the other side of the paper.
 - You cannot perform manual 2-sided printing unless **EPSON Status Monitor 3** is enabled. If **EPSON Status Monitor 3** is disabled, access the printer driver window, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.
 - However, it may not be available when the printer is accessed over a network or is used as a shared printer.
1. On the printer driver's **Main** tab, select the type of long-edge binding you want to use from **2-Sided Printing**.
 2. Click **Settings**, select **Booklet**, and then select **Center Binding** or **Side Binding**.
 - Center Binding: Use this method when printing a small number of pages that can be stacked and easily folded in half.
 - Side Binding. Use this method when printing one sheet (four pages) at a time, folding each in half, and then putting them together in one volume.
 3. Click **OK**.
 4. When printing data that has a lot of photos and images, click **Print Density**, and then make the appropriate settings, and then click **OK**.

When setting **Print Density**, you can adjust print density according to the document type.

Note:

Printing may be slow depending on the combination of options selected for **Select Document Type** in the **Print Density Adjustment** window and for **Quality** on the **Main** tab.

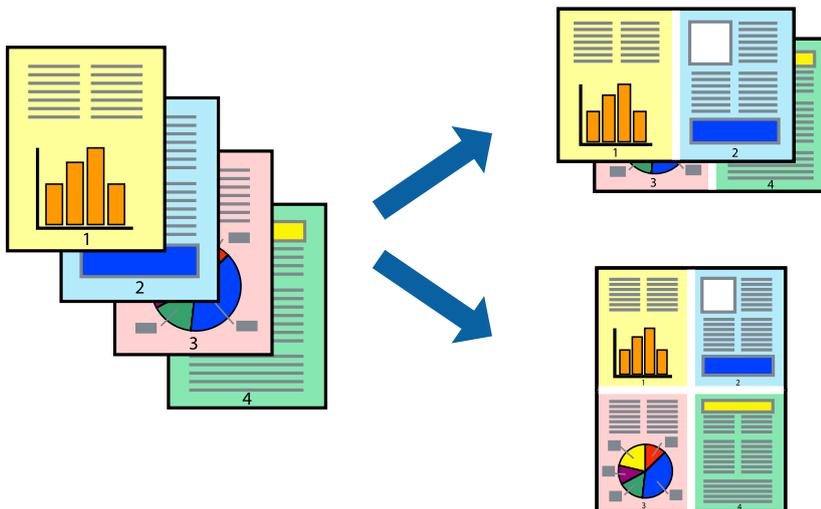
5. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
 “Main Tab” on page 37
 “More Options Tab” on page 38
6. Click **Print**.

Related Information

- ➔ “Available Paper and Capacities” on page 156
- ➔ “Loading Paper” on page 30
- ➔ “Printing Using Easy Settings” on page 59

Printing Several Pages on One Sheet

You can print several pages of data on a single sheet of paper.



Note:

This feature is not available with borderless printing.

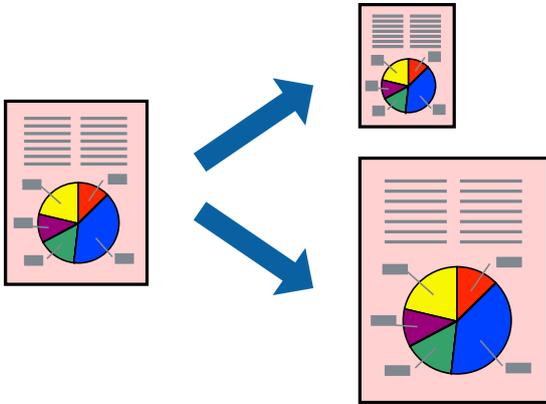
1. On the printer driver's **Main** tab, select **2-Up**, **4-Up**, **6-Up**, **8-Up**, **9-Up**, or **16-Up** as the **Multi-Page** setting.
2. Click **Layout Order**, make the appropriate settings, and then click **OK**.
3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
 “Main Tab” on page 37
 “More Options Tab” on page 38
4. Click **Print**.

Related Information

- ➔ “Loading Paper” on page 30
- ➔ “Printing Using Easy Settings” on page 59

Printing to Fit the Paper Size

Select the paper size you loaded in the printer as the Destination Paper Size setting.



Note:

This feature is not available with borderless printing.

1. On the printer driver's **More Options** tab, make the following settings.
 - Document Size: Select the size of the paper you set in the application setting.
 - Output Paper: Select the paper size you loaded in the printer.
Fit to Page is automatically selected.

Note:

*Click **Center** to print the reduced image in the middle of the paper.*

2. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
 - [“Main Tab” on page 37](#)
 - [“More Options Tab” on page 38](#)
3. Click **Print**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Printing a Reduced or Enlarged Document at any Magnification

You can reduce or enlarge the size of a document by a specific percentage.



Note:

This feature is not available with borderless printing.

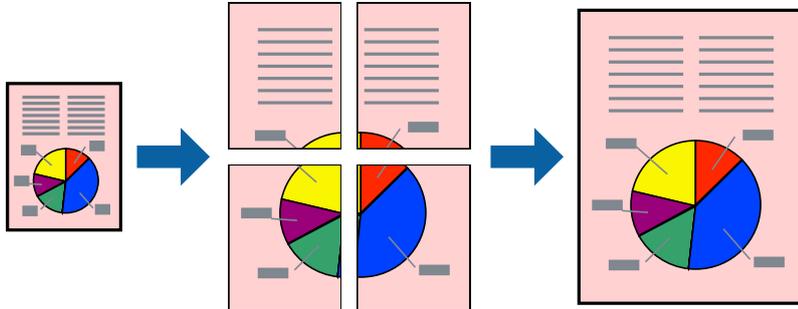
1. On the printer driver's **More Options** tab, select the document size from the **Document Size** setting.
2. Select the paper size you want to print on from the **Output Paper** setting.
3. Select **Reduce/Enlarge Document, Zoom to**, and then enter a percentage.
Select **Center** to print the images in the center of the page.
4. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
[“Main Tab” on page 37](#)
[“More Options Tab” on page 38](#)
5. Click **Print**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Printing One Image on Multiple Sheets for Enlargement (Creating a Poster)

This feature allows you to print one image on multiple sheets of paper. You can create a larger poster by taping them together.



Note:

This feature is not available with 2-sided printing.

1. On the printer driver's **Main** tab, select **2x1 Poster**, **2x2 Poster**, **3x3 Poster**, or **4x4 Poster** as the **Multi-Page** setting.

2. Click **Settings**, make the appropriate settings, and then click **OK**.

Note:

Print Cutting Guides allows you to print a cutting guide.

3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.

[“Main Tab” on page 37](#)

[“More Options Tab” on page 38](#)

4. Click **Print**.

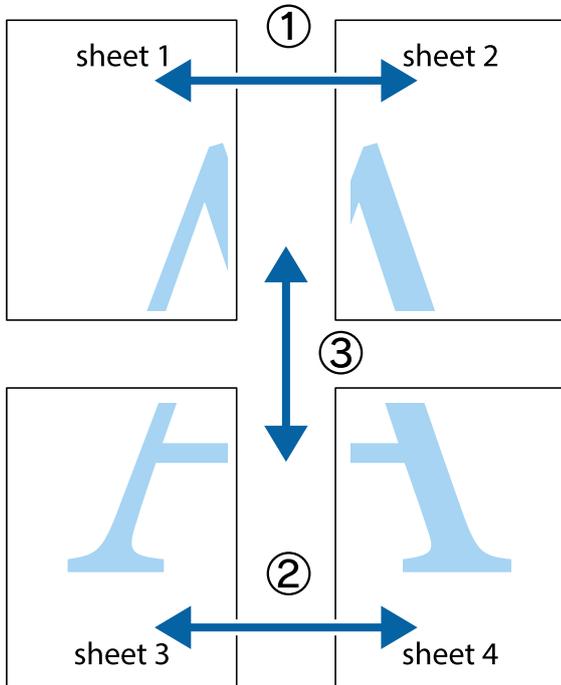
Related Information

➔ [“Loading Paper” on page 30](#)

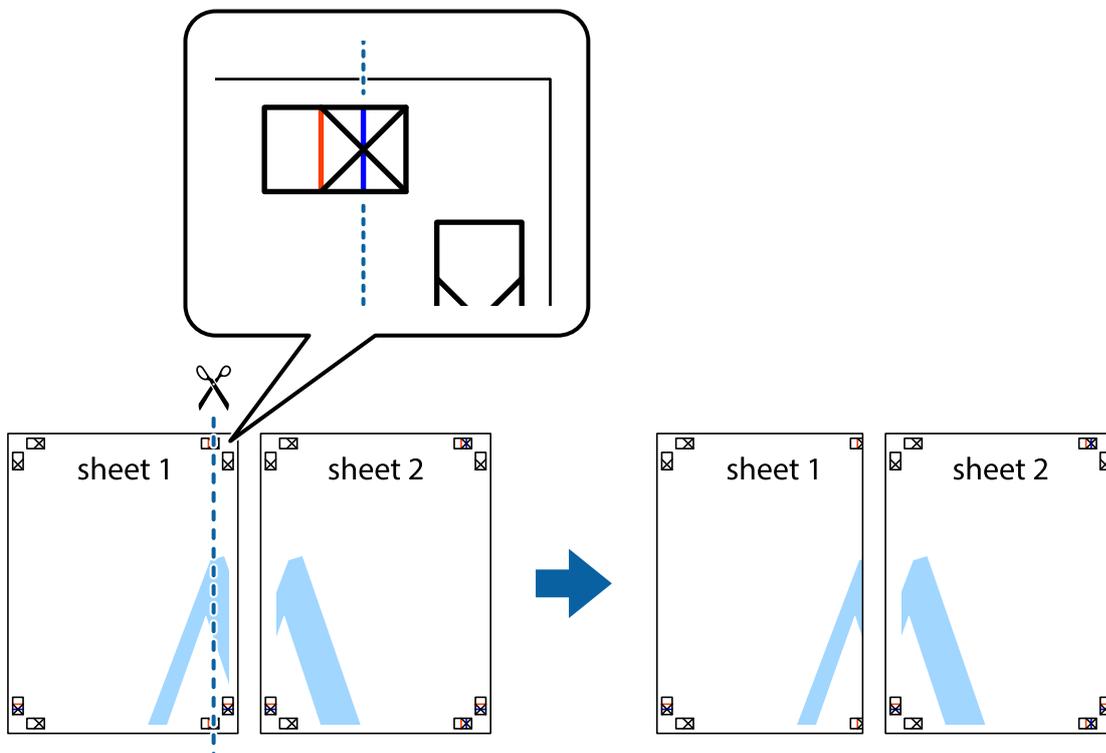
➔ [“Printing Using Easy Settings” on page 59](#)

Making Posters Using Overlapping Alignment Marks

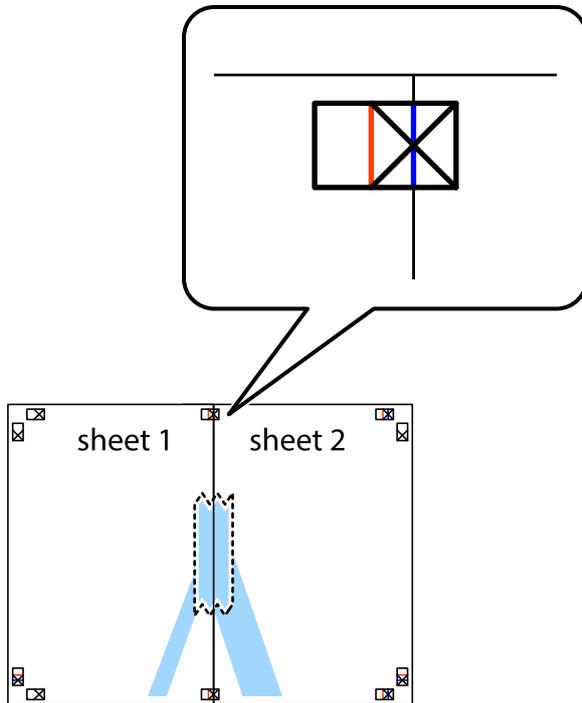
Here is an example of how to make a poster when **2x2 Poster** is selected, and **Overlapping Alignment Marks** is selected in **Print Cutting Guides**.



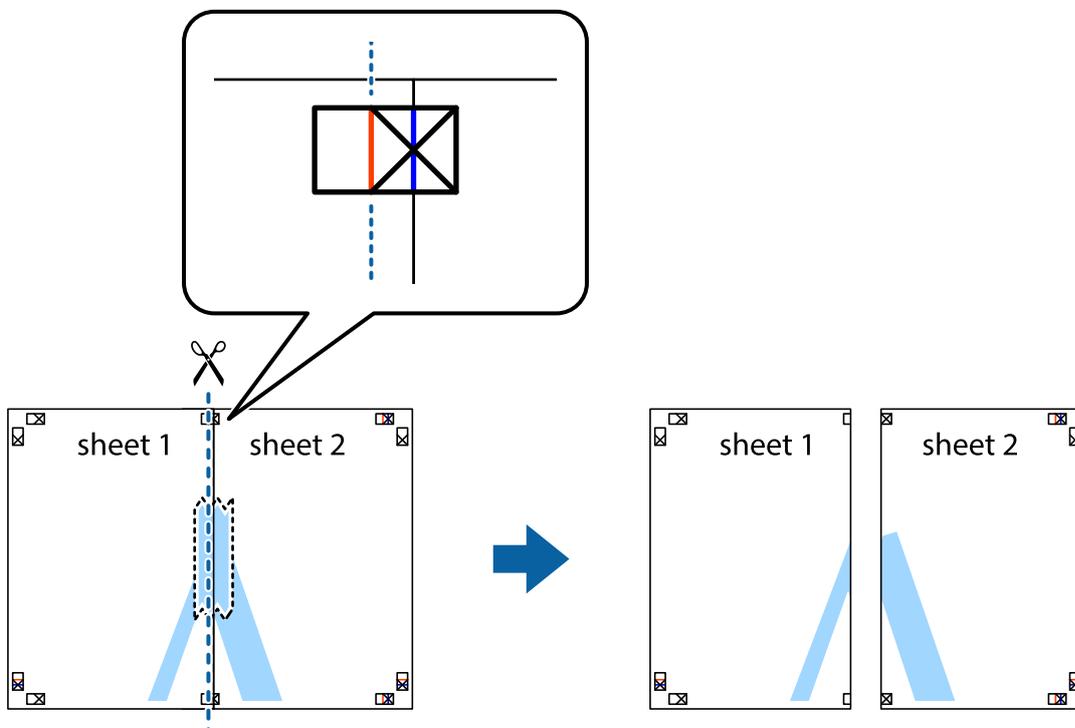
1. Prepare Sheet 1 and Sheet 2. Cut off the margins of Sheet 1 along the vertical blue line through the center of the top and bottom cross marks.



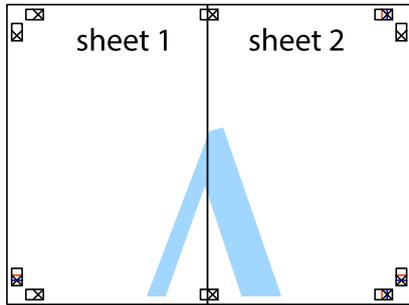
2. Place the edge of Sheet 1 on top of Sheet 2 and align the cross marks, then temporarily tape the two sheets together from the back.



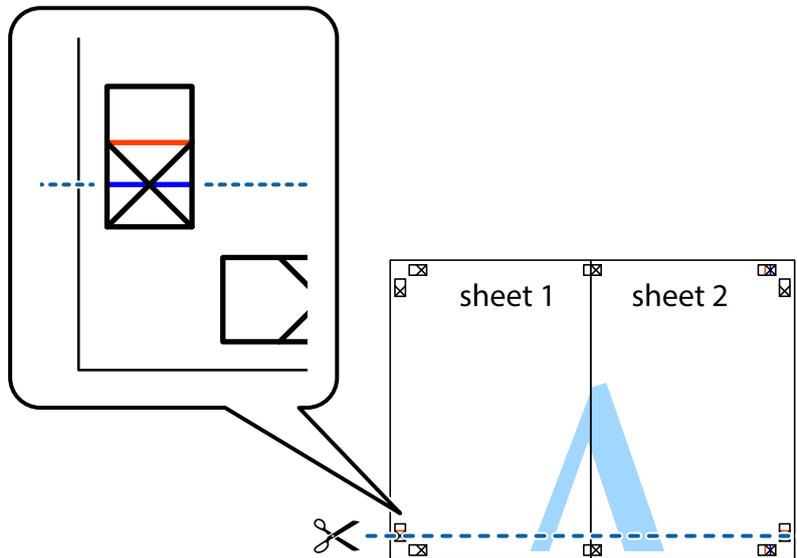
3. Cut the taped sheets in two along the vertical red line through the alignment markers (this time, the line to the left of the cross marks).



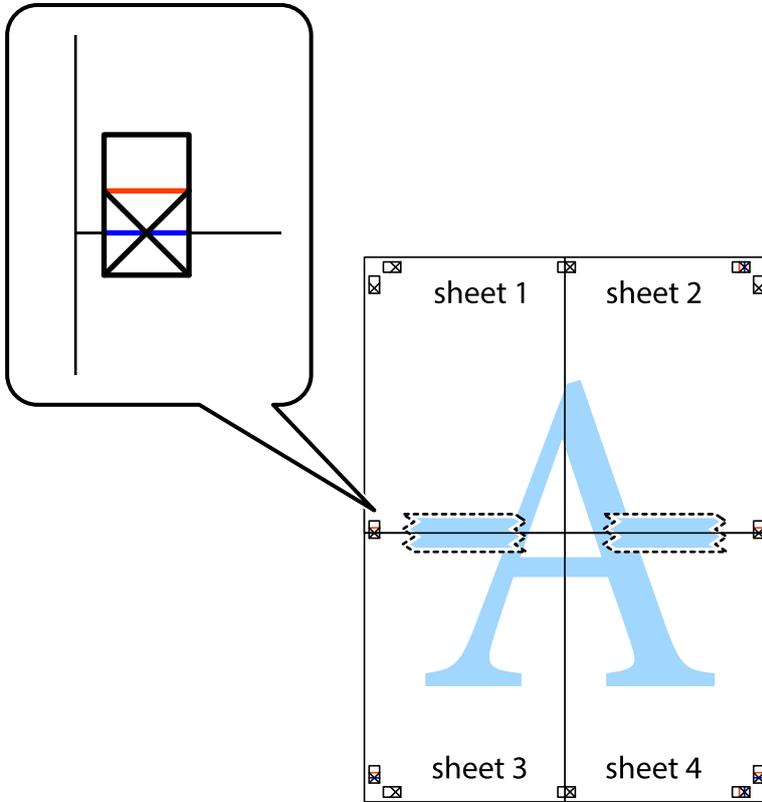
4. Tape the sheets together from the back.



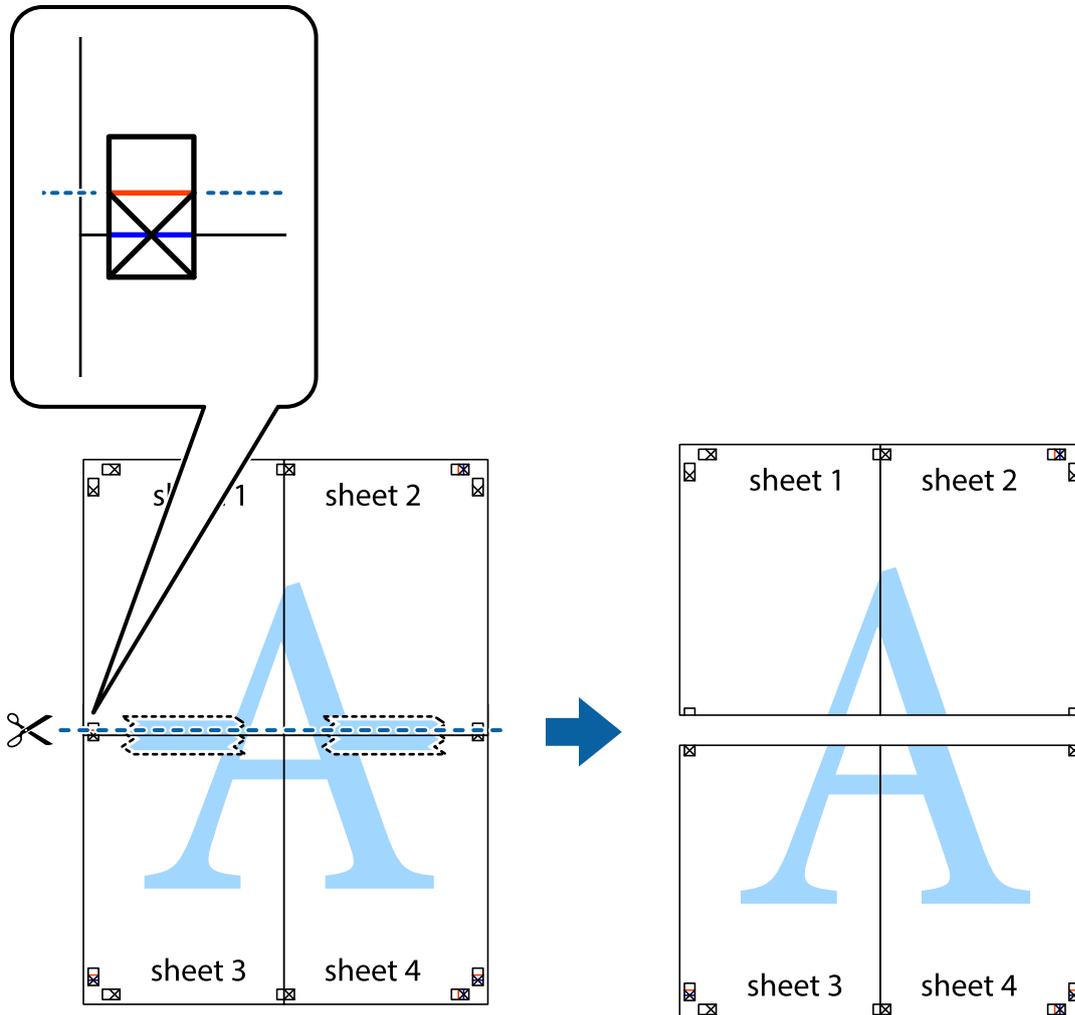
5. Repeat steps 1 to 4 to tape Sheet 3 and Sheet 4 together.
6. Cut off the margins of Sheet 1 and Sheet 2 along the horizontal blue line through the center of the left and right side cross marks.



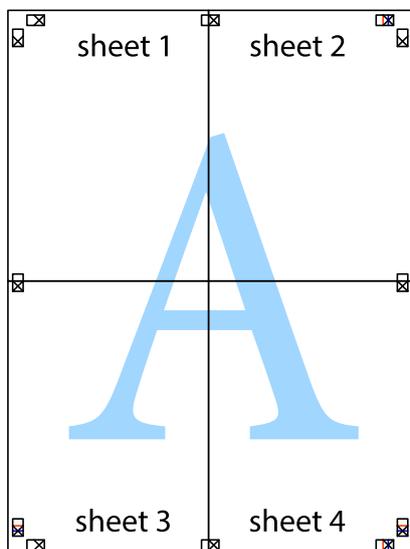
7. Place the edge of Sheet 1 and Sheet 2 on top of Sheet 3 and Sheet 4 and align the cross marks, and then temporarily tape them together from the back.



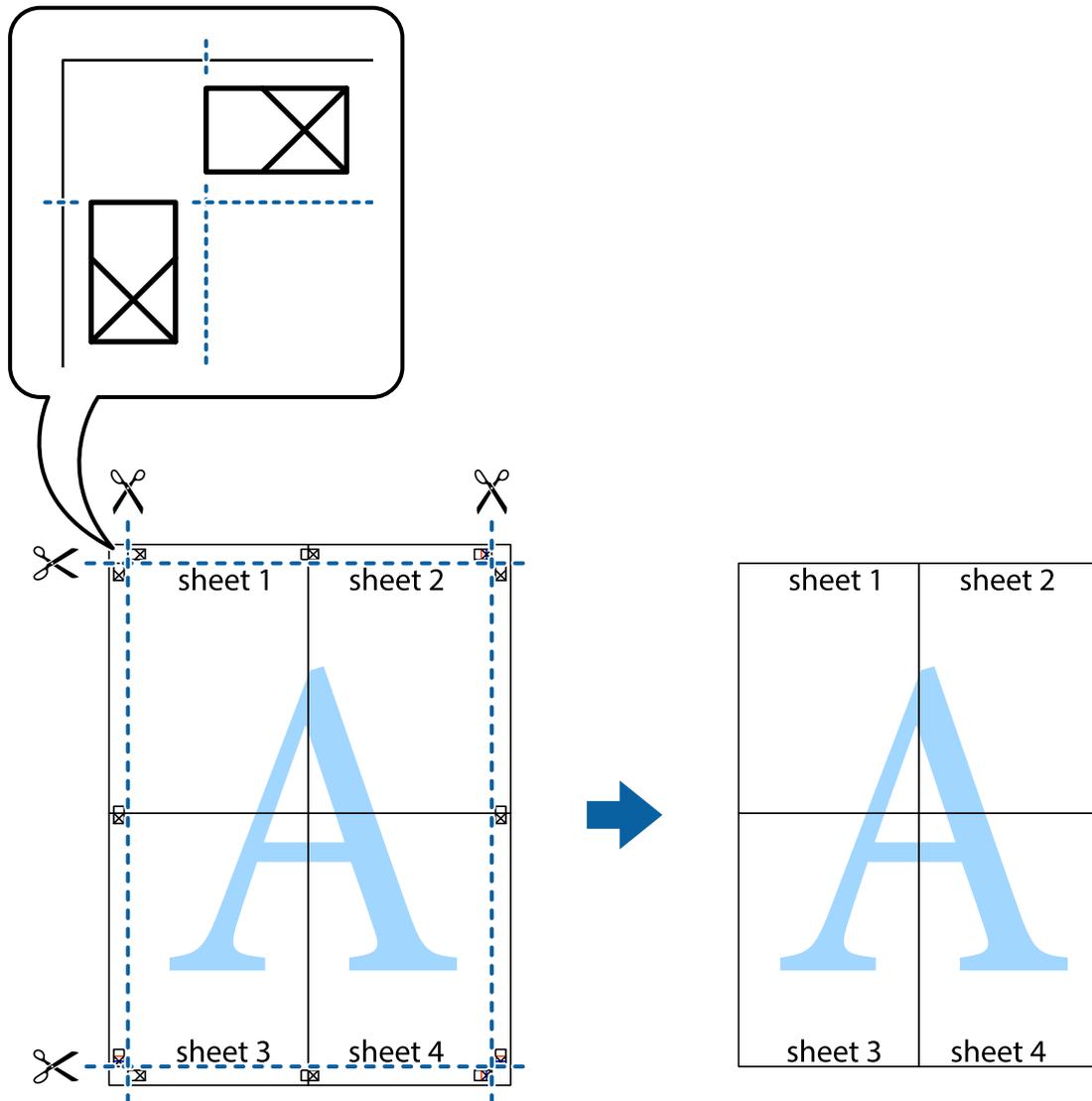
- Cut the taped sheets in two along the horizontal red line through the alignment markers (this time, the line above the cross marks).



- Tape the sheets together from the back.

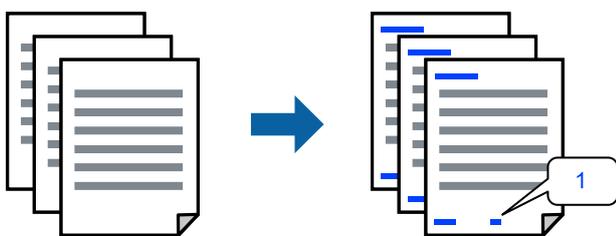


10. Cut off the remaining margins along the outer guide.



Printing with a Header and Footer

You can print information such as a user name and printing date in headers or footers.



1. On the printer driver's **More Options** tab, click **Watermark Features**, and then select **Header/Footer**.

2. **Settings**, and then select the items you want to print and then click OK.

Note:

- To specify the first page number, select **Page Number** from the position you want to print in the header or footer, and then select the number in **Starting number**.
- If you want to print text in the header or footer, select the position you want to print, and then select **Text**. Enter the text you want to print in the text input field.

3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.

[“Main Tab” on page 37](#)

[“More Options Tab” on page 38](#)

4. Click **Print**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Printing an Anti-Copy Pattern

You can print an anti-copy pattern on your printouts. When printing, the letters themselves are not printed and the entire print is screen-toned lightly. The hidden letters appear when photocopied to easily distinguish the original from the copies.



Anti-Copy Pattern is available under the following conditions:

- Paper Type: Plain paper, Letterhead, Recycled, Color, Preprinted, High Quality Plain Paper, or Thick paper
- Borderless: Not selected
- Quality: Standard
- 2-Sided Printing: Off, Manual (Long-edge binding), or Manual (Short-edge binding)
- Color Correction: Automatic

Note:

You can also add your own anti-copy pattern.

1. On the printer driver's **More Options** tab, click **Watermark Features**, and then select anti-copy pattern.
2. Click **Settings** to change details such as the size or density of the pattern.
3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.

[“Main Tab” on page 37](#)

[“More Options Tab” on page 38](#)

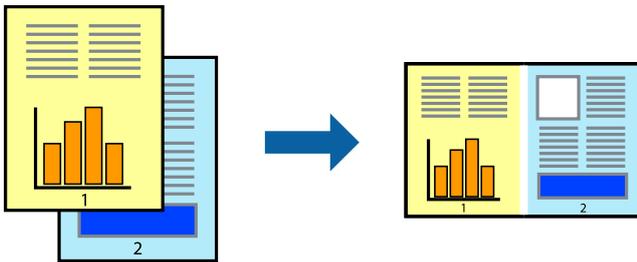
4. Click **Print**.

Related Information

- ➔ “Loading Paper” on page 30
- ➔ “Printing Using Easy Settings” on page 59

Printing Multiple Files Together

Job Arranger Lite allows you to combine several files created by different applications and print them as a single print job. You can specify the print settings for combined files, such as multi-page layout, and 2-sided printing.



1. On the printer driver's **Main** tab, select **Job Arranger Lite**, and then click **OK**.
“Main Tab” on page 37
2. Click **Print**.
When you start printing, the Job Arranger Lite window is displayed.
3. With the Job Arranger Lite window opened, open the file that you want to combine with the current file, and then repeat the above steps.
4. When you select a print job added to Print Project in the Job Arranger Lite window, you can edit the page layout.
5. Click **Print** from the **File** menu to start printing.

Note:

If you close the Job Arranger Lite window before adding all the print data to the Print Project, the print job you are currently working on is canceled. Click **Save** from the **File** menu to save the current job. The extension of the saved files is ".ecl".

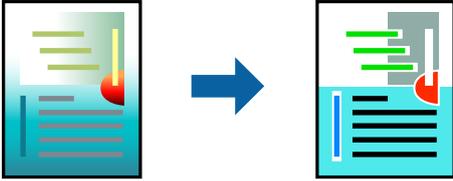
To open a Print Project, click **Job Arranger Lite** on the printer driver's **Maintenance** tab to open the Job Arranger Lite window. Next, select **Open** from the **File** menu to select the file.

Related Information

- ➔ “Loading Paper” on page 30
- ➔ “Printing Using Easy Settings” on page 59

Printing Using the Color Universal Print Feature

You can enhance the visibility of texts and images in printouts.



Color Universal Print is only available when the following settings are selected.

- Paper Type: Plain paper, Copy paper, Letterhead, Recycled paper, Colored paper, Preprinted paper, High quality plain paper
- Quality: **Standard** or a higher quality
- Print Color: **Color**
- Applications: Microsoft® Office 2007 or later
- Text Size: 96 pts or smaller

1. On the printer driver's **More Options** tab, click **Image Options** in the **Color Correction** setting.
2. Select an option from the **Color Universal Print** setting.
3. **Enhancement Options** to make further settings.
4. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
 - [“Main Tab” on page 37](#)
 - [“More Options Tab” on page 38](#)
5. Click **Print**.

Note:

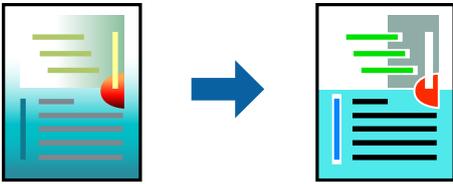
- Certain characters may be altered by patterns, such as "+" appearing as "±".
- Application-specific patterns and underlines may alter content printed using these settings.
- Print quality may decrease in photos and other images when using Color Universal Print settings.
- Printing is slower when using Color Universal Print settings.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Adjusting the Print Color

You can adjust the colors used in the print job. These adjustments are not applied to the original data.



PhotoEnhance produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness of the original image data.

Note:

***PhotoEnhance** adjusts the color by analyzing the location of the subject. Therefore, if you have changed the location of the subject by reducing, enlarging, cropping, or rotating the image, the color may change unexpectedly. Selecting the borderless setting also changes the location of the subject resulting in changes in color. If the image is out of focus, the tone may be unnatural. If the color is changed or becomes unnatural, print in a mode other than **PhotoEnhance**.*

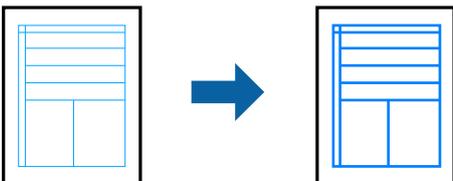
1. On the printer driver's **More Options** tab, select the method of color correction from the **Color Correction** setting.
 - Automatic: This setting automatically adjusts the tone to match the paper type and print quality settings.
 - Custom: Click **Advanced**, you can make your own settings.
2. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
 - [“Main Tab” on page 37](#)
 - [“More Options Tab” on page 38](#)
3. Click **Print**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Printing to Emphasize Thin Lines

You can thicken thin lines that are too thin to print.



1. On the printer driver's **More Options** tab, click **Image Options** in the **Color Correction** setting.
2. Select **Emphasize Thin Lines**.

3. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.

[“Main Tab” on page 37](#)

[“More Options Tab” on page 38](#)

4. Click **Print**.

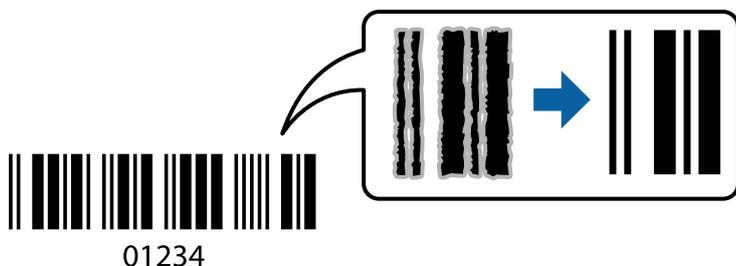
Related Information

➔ [“Loading Paper” on page 30](#)

➔ [“Printing Using Easy Settings” on page 59](#)

Printing Clear Bar Codes

You can print a bar code clearly and make it easy to scan. Only enable this feature if the bar code you printed cannot be scanned.



You can use this feature under the following conditions.

- Paper Type: Plain paper, Letterhead, Recycled, Color, Preprinted, High Quality Plain Paper, Thick paper, Epson Photo Quality Ink Jet, Epson Matte, or Envelope
- Quality: **Standard**

1. On the printer driver's **Maintenance** tab, click **Extended Settings**, and then select **Barcode mode**.

2. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.

[“Main Tab” on page 37](#)

[“More Options Tab” on page 38](#)

3. Click **Print**.

Note:

Deblurring may not always be possible depending on the circumstances.

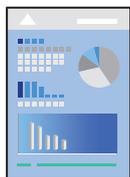
Related Information

➔ [“Loading Paper” on page 30](#)

➔ [“Printing Using Easy Settings” on page 59](#)

Printing from a Computer - Mac OS

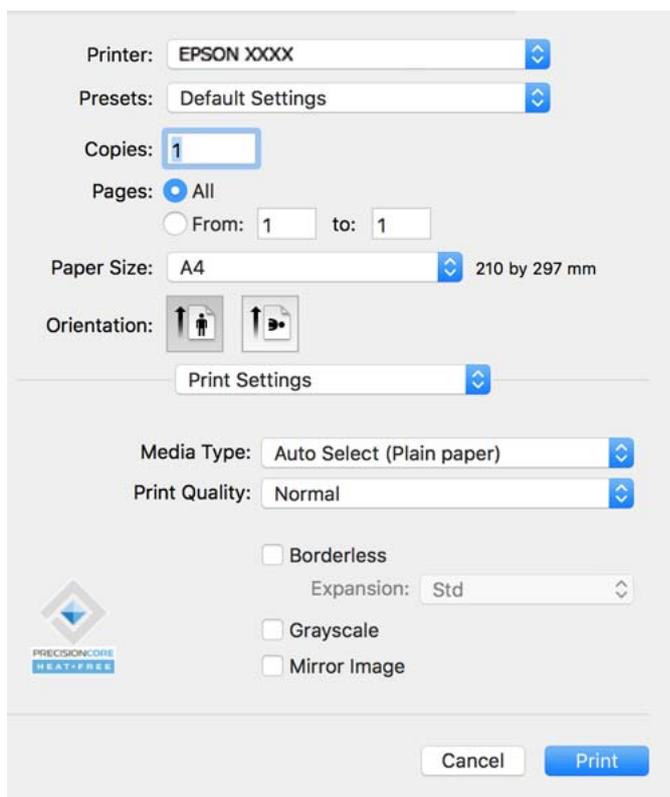
Printing Using Easy Settings



Note:

Operations and screens differ depending on the application. See the application's help for details.

1. Load paper in the printer .
“Loading Paper” on page 30
2. Open the file you want to print.
3. Select **Print** from the **File** menu or another command to access the print dialog.
If necessary, click **Show Details** or ▼ to expand the print window.
4. Select your printer.
5. Select **Print Settings** from the pop-up menu.



Note:

If the **Print Settings** menu is not displayed on macOS Catalina (10.15) or later, macOS High Sierra (10.13), macOS Sierra (10.12), OS X El Capitan (10.11), OS X Yosemite (10.10), OS X Mavericks (10.9), the Epson printer driver has not been installed correctly. Enable it from the following menu.

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), remove the printer, and then add the printer again. See the following to add a printer.

[“Adding a Genuine Epson Printer \(for Mac OS Only\)” on page 85](#)

macOS Mojave (10.14) cannot access **Print Settings** in applications made by Apple such as TextEdit.

6. Change the settings as necessary.

See the menu options for the printer driver for details.

7. Click **Print**.

Note:

If you want to cancel printing, on your computer click the printer icon in the **Dock**. Select the job you want to cancel, and then click  next to the progress meter. However, you cannot cancel a print job from the computer once it has been completely sent to the printer. In this case, cancel the print job by using the printer's control panel.

Related Information

- ➔ [“Available Paper and Capacities” on page 156](#)
- ➔ [“List of Paper Type” on page 29](#)
- ➔ [“Menu Options for Print Settings” on page 61](#)

Menu Options for the Printer Driver

Open the print window in an application, select the printer, and then access the printer driver window.

Note:

Menus vary depending on the option you selected.

Menu Options for Layout

Pages per Sheet:

Select the number of pages to be printed on one sheet.

Layout Direction:

Specify the order in which the pages will be printed.

Border:

Prints a border around the pages.

Reverse page orientation:

Rotates pages 180 degrees before printing. Select this item when printing on paper such as envelopes that are loaded in fixed direction in the printer.

Flip horizontally:

Inverts an image to print as it would appear in a mirror.

Menu Options for Color Matching

ColorSync/EPSON Color Controls:

Select the method for color adjustment. These options adjust colors between the printer and the computer display to minimize the difference in color.

Menu Options for Paper Handling

Collate pages:

Prints multi-page documents collated in order and sorted into sets.

Pages to Print:

Select to print only odd pages or even pages.

Page Order:

Select to print from the top or the last page.

Scale to fit paper size:

Prints to fit to the paper size you loaded.

Destination Paper Size:

Select the paper size to print on.

Scale down only:

Select this when you want to reduce the size only if the print data is too large for the paper size loaded in the printer.

Menu Options for Cover Page

Print Cover Page:

Select whether or not to print a cover page. When you want to add a back cover, select **After document**.

Cover Page Type:

Select the contents of the cover page.

Menu Options for Print Settings

Media Type:

Select the type of paper on which you print.

Print Quality:

Select the print quality you want to use for printing. The options vary depending on the paper type.

Borderless:

This checkbox is selected when you select a borderless paper size.

In borderless printing, the print data is enlarged slightly more than the paper size so that no margins are printed around the edges of the paper.

Expansion: Select the amount of enlargement.

Grayscale:

Select when you want to print in black or shades of gray.

Mirror Image:

Inverts the image so that it prints as it would appear in a mirror.

Menu Options for Color Options

Manual Settings:

Adjusts the color manually. In **Advanced Settings**, you can select detailed settings.

PhotoEnhance:

Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness of the original image data.

Off (No Color Adjustment):

Print without enhancing or adjusting the color in any way.

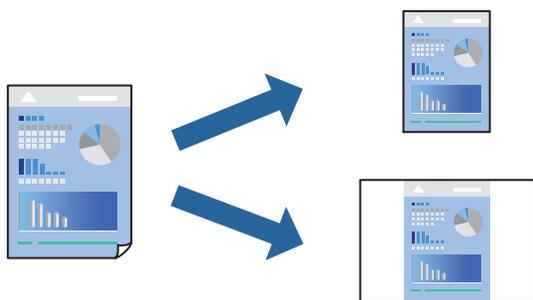
Menu Options for Two-sided Printing Settings

Two-sided Printing:

Prints on both sides of the paper.

Adding Printing Presets for Easy Printing

If you create your own preset of frequently used print settings on the printer driver, you can print easily by selecting the preset from the list.



1. Set each item such as **Print Settings** and **Layout (Paper Size, Media Type, and so on)**.
2. Click **Presets** to save the current settings as a preset.
3. Click **OK**.

Note:

To delete an added preset, click **Presets > Show Presets**, select the preset name you want to delete from the list, and then delete it.

4. Click **Print**.

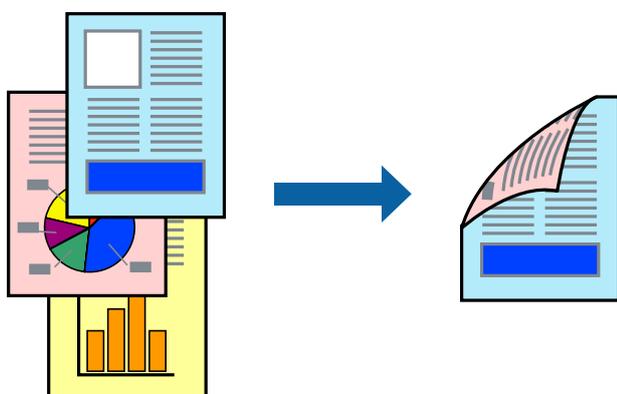
The next time you want to print using the same settings, select the registered preset name from the **Presets**.

Related Information

- ➔ “Loading Paper” on page 30
- ➔ “Printing Using Easy Settings” on page 59

Printing on 2-Sides

You can print on both sides of the paper.



Note:

- This feature is not available with borderless printing.
 - If you do not use paper that is suitable for 2-sided printing, the print quality may decline and paper jams may occur.
“Paper for 2-Sided Printing” on page 158
 - Depending on the paper and the data, ink may bleed through to the other side of the paper.
1. Select **Two-sided Printing Settings** from the pop-up menu.

2. Select the bindings in **Two-sided Printing**.

3. Select the type of original in **Document Type**.

Note:

- Printing may be slow depending on the **Document Type** setting.
- If you are printing high-density data such as photos or graphs, select **Text & Photos** or **Text & Graphics** as the **Document Type** setting. If scuffing occurs or the image bleeds through to the reverse side, adjust the print density and ink drying time by clicking the arrow mark next to **Adjustments**.

4. Set the other items as necessary.

5. Click **Print**.

Related Information

- ➔ “Available Paper and Capacities” on page 156

- ➔ “Loading Paper” on page 30
- ➔ “Printing Using Easy Settings” on page 59

Printing Several Pages on One Sheet

You can print several pages of data on a single sheet of paper.



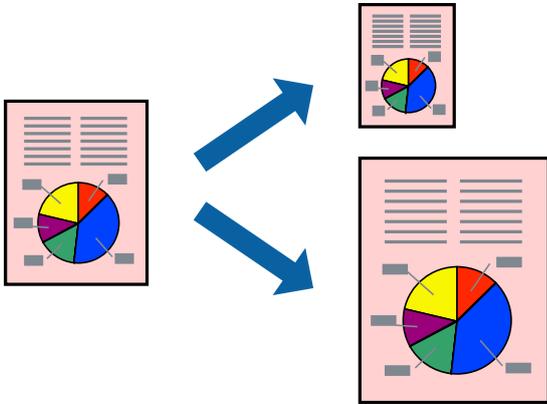
1. Select **Layout** from the pop-up menu.
2. Set the number of pages in **Pages per Sheet**, the **Layout Direction** (page order), and **Border**.
“Menu Options for Layout” on page 60
3. Set the other items as necessary.
4. Click **Print**.

Related Information

- ➔ “Loading Paper” on page 30
- ➔ “Printing Using Easy Settings” on page 59

Printing to Fit the Paper Size

Select the paper size you loaded in the printer as the Destination Paper Size setting.



1. Select the size of the paper you set in the application as the **Paper Size** setting.
2. Select **Paper Handling** from the pop-up menu.
3. Select **Scale to fit paper size**.
4. Select the paper size you loaded in the printer as the **Destination Paper Size** setting.
5. Set the other items as necessary.
6. Click **Print**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Printing a Reduced or Enlarged Document at any Magnification

You can reduce or enlarge the size of a document by a specific percentage.



Note:

Operations differ depending on the application. See the application's help for details.

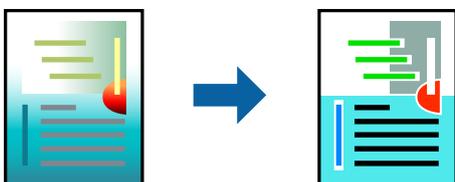
1. Do one of the following.
 - Select **Print** from the **File** menu of the application. Click **Page Setup**, and then select your printer in **Format For**. Select the size of the data to be printed from **Paper Size**, enter a percentage in **Scale**, and then click **OK**.
 - Select **Page Setup** from the **File** menu of the application. Select your printer in **Format For**. Select the size of the data to be printed from **Paper Size**, enter a percentage in **Scale**, and then click **OK**. Select **Print** from the **File** menu.
2. Select your printer in **Printer**.
3. Set the other items as necessary.
4. Click **Print**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Adjusting the Print Color

You can adjust the colors used in the print job. These adjustments are not applied to the original data.



PhotoEnhance produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness of the original image data.

Note:

PhotoEnhance adjusts the color by analyzing the location of the subject. Therefore, if you have changed the location of the subject by reducing, enlarging, cropping, or rotating the image, the color may change unexpectedly. Selecting the borderless setting also changes the location of the subject resulting in changes in color. If the image is out of focus, the tone may be unnatural. If the color is changed or becomes unnatural, print in a mode other than **PhotoEnhance**.

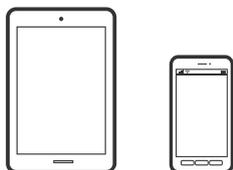
1. Select **Color Matching** from the pop-up menu, and then select **EPSON Color Controls**.
2. Select **Color Options** from the pop-up menu, and then select one of the available options.
3. Click the arrow next to **Advanced Settings** and make the appropriate settings.
4. Set the other items as necessary.
5. Click **Print**.

Related Information

- ➔ [“Loading Paper” on page 30](#)
- ➔ [“Printing Using Easy Settings” on page 59](#)

Printing Documents from Smart Devices (iOS)

You can print documents from a smart device such as a smartphone or tablet.



Printing Documents Using Epson Smart Panel

Note:

Operations may differ depending on the device.

1. Set up your printer for wireless printing.
2. If Epson Smart Panel is not installed, install it.
[“Application for Easily Operating the Printer from a Smart device \(Epson Smart Panel\)” on page 164](#)
3. Connect your smart device to the wireless router.
4. Start Epson Smart Panel.
5. Select the print document menu on the home screen.

6. Select the document you want to print.
7. Start printing.

Printing Documents Using AirPrint

AirPrint enables instant wireless printing from iPhone, iPad, iPod touch, and Mac without the need to install drivers or download software.



Note:

If you disabled paper configuration messages on your printer control panel, you cannot use AirPrint. See the link below to enable the messages, if necessary.

1. Set up your printer for wireless printing. See the link below.
<https://epson.sn>
2. Connect your Apple device to the same wireless network that your printer is using.
3. Print from your device to your printer.

Note:

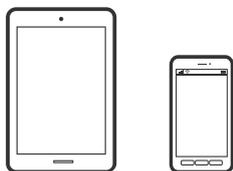
For details, see the AirPrint page on the Apple website.

Related Information

➔ [“Cannot Print Even Though a Connection has been Established \(iOS\)” on page 112](#)

Printing Documents from Smart Devices (Android)

You can print documents from a smart device such as a smartphone or tablet.



Printing Documents Using Epson Smart Panel

Note:

Operations may differ depending on the device.

1. Set up your printer for wireless printing.

2. If Epson Smart Panel is not installed, install it.
[“Application for Easily Operating the Printer from a Smart device \(Epson Smart Panel\)”](#) on page 164
3. Connect your smart device to the wireless router.
4. Start Epson Smart Panel.
5. Select the print document menu on the home screen.
6. Select the document you want to print.
7. Start printing.

Printing Documents Using Epson Print Enabler

You can wirelessly print your documents, emails, photos, and web pages right from your Android phone or tablet (Android v4.4 or later). With a few taps, your Android device will discover an Epson printer that is connected to the same wireless network.

Note:

Operations may differ depending on the device.

1. Set up your printer for wireless printing.
2. On your Android device, install the Epson Print Enabler plug-in from Google Play.
3. Connect your Android device to the same wireless network as your printer.
4. Go to **Settings** on your Android device, select **Printing**, and then enable Epson Print Enabler.
5. From an Android application such as Chrome, tap the menu icon and print whatever is on the screen.

Note:

*If you do not see your printer, tap **All Printers** and select your printer.*

Printing Using Mopria Print Service

Mopria Print Service enables instant wireless printing from Android smart phones or tablets.



1. Install Mopria Print Service from Google Play.
2. Load paper in the printer.

3. Set up your printer for wireless printing. See the link below.
<https://epson.sn>
4. Connect your Android device to the same wireless network that your printer is using.
5. Print from your device to your printer.

Note:

For more details, access the Mopria Web site at <https://mopria.org>.

Related Information

- ➔ [“Loading Paper” on page 30](#)

Printing on Envelopes

Printing on Envelopes from a Computer (Windows)

1. Load envelopes in the printer.
[“Loading Paper” on page 30](#)
2. Open the file you want to print.
3. Access the printer driver window.
4. Select the envelope size from **Document Size** on the **Main** tab, and then select **Envelope** from **Paper Type**.
5. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
6. Click **Print**.

Printing on Envelopes from a Computer (Mac OS)

1. Load envelopes in the printer.
[“Loading Paper” on page 30](#)
2. Open the file you want to print.
3. Select **Print** from the **File** menu or another command to access the print dialog.
4. Select the size as the **Paper Size** setting.
5. Select **Print Settings** from the pop-up menu.
6. Select **Envelope** as the **Media Type** setting.

7. Set the other items as necessary.
8. Click **Print**.

Printing Web Pages

Printing Web Pages from a Computer

Epson Photo+ allows you to display web pages, crop the specified area, and then edit and print them. See the application's help for details.

Printing Web Pages from Smart Devices

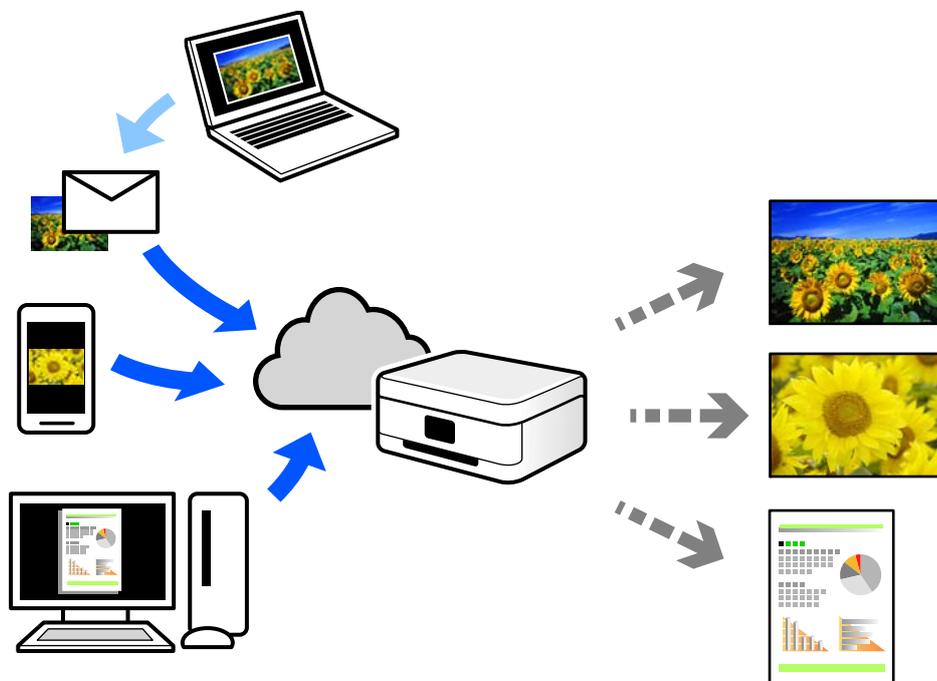
Note:

Operations may differ depending on the device.

1. Set up your printer for wireless printing.
2. If Epson Smart Panel is not installed, install it.
[“Application for Easily Operating the Printer from a Smart device \(Epson Smart Panel\)” on page 164](#)
3. Connect your smart device to the same wireless network as your printer.
4. Open the web page you want to print in your web browser app.
5. Tap **Share** from the menu of the web browser application.
6. Select **Smart Panel**.
7. Tap **Print**.

Printing Using a Cloud Service

By using Epson Connect service available on the Internet, you can print from your smartphone, tablet PC, or laptop, anytime and practically anywhere. To use this service, you need to register the user and the printer in Epson Connect.



The features available on the Internet are as follows.

Email Print

When you send an email with attachments such as documents or images to an email address assigned to the printer, you can print that email and the attachments from remote locations such as your home or office printer.

Remote Print Driver

This is a shared driver supported by Remote Print Driver. When printing using a printer in a remote location, you can print by changing the printer on the usual applications window.

See the Epson Connect web portal for details on how to setup or print.

<https://www.epsonconnect.com/>

<http://www.epsonconnect.eu> (Europe only)

Registering to Epson Connect Service from the Control Panel

Follow the steps below to register the printer.

1. Select **Settings** on the control panel.
2. Select **General Settings** > **Web Service Settings** > **Epson Connect Services** > **Unregister** to print the registration sheet.
3. Follow the instructions on the registration sheet to register the printer.

Maintaining the Printer

Checking the Status of Consumables.	74
Improving Print Quality.	74
Cleaning the Printer.	80
Saving Power.	81
Installing or Uninstalling Applications Separately.	82
Transporting and Storing the Printer.	88

Checking the Status of Consumables

You can check the approximate ink levels and the approximate service life of the maintenance box from the printer's control panel. Select  on the home screen.

Note:

You can also check the approximate ink levels and the approximate service life of the maintenance box from the status monitor on the printer driver.

Windows

Click **EPSON Status Monitor 3** on the **Maintenance** tab.

If **EPSON Status Monitor 3** is disabled, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.

Mac OS

Apple menu > **System Preferences** > **Printers & Scanners** (or **Print & Scan, Print & Fax**) > Epson(XXXX) > **Options & Supplies** > **Utility** > **Open Printer Utility** > **EPSON Status Monitor**

You can continue printing while the ink low message is displayed. Replace the ink cartridges when required.

Related Information

- ➔ [“Continue Printing Temporarily without Replacing Ink Cartridges” on page 120](#)
- ➔ [“Continue Printing to Conserve Black Ink \(for Windows Only\)” on page 122](#)
- ➔ [“It is Time to Replace the Ink Cartridges” on page 117](#)
- ➔ [“It is Time to Replace the Maintenance Box” on page 123](#)

Improving Print Quality

Adjusting the Print Quality

If you notice a misaligned vertical lines, blurred images, or horizontal banding, adjust the print quality.

1. Select **Maintenance** on the printer's control panel.

To select an item, use the     buttons, and then press the OK button.

2. Select **Print Quality Adjustment**.

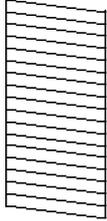
3. Follow the on-screen instructions to load paper and print the nozzle check pattern.

4. Examine the printed pattern.

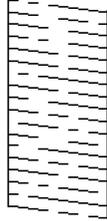
If there are broken lines or missing segments as shown in the "NG" pattern, the print head nozzles may be clogged. Select  to clean the print head.

- If you cannot see any broken lines or missing segments as in the following "OK" pattern, the nozzles are not clogged. Select  to proceed to the next adjustment.

OK

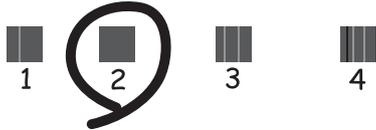


NG

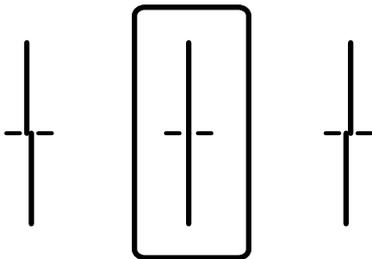


5. Follow the on-screen instructions to print the patterns for print head alignment, and then align the print head.
- This pattern allows you to perform alignment if your printouts look blurry. Find and select the number for the most solid pattern.

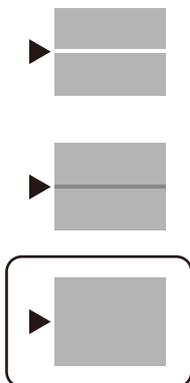
#1



- This pattern allows you to perform alignment if vertical ruled lines appear misaligned. Find and select the number for the pattern that has the least misaligned vertical line.



- This pattern allows you to perform alignment if you see horizontal banding at regular intervals. Find and select the number for the least separated and overlapping pattern.



Checking and Cleaning the Print Head

If the nozzles are clogged, the printouts become faint, there is visible banding, or unexpected colors appear. If the nozzles are severely clogged, a blank sheet will be printed. When print quality has declined, first use the nozzle check feature to check if the nozzles are clogged. If the nozzles are clogged, clean the print head.

Important:

- Do not open the printer cover or turn off the printer during head cleaning. If the head cleaning is incomplete, you may not be able to print.
- Head cleaning consumes ink and should not be performed more than necessary.
- When ink is low, you may not be able to clean the print head.
- If print quality has not improved after repeating nozzle check and head cleaning 3 times, wait for at least 12 hours without printing, and then run the nozzle check again and repeat the head cleaning if necessary. We recommend turning off the printer by using the  button. If print quality has still not improved, contact Epson support.
- To prevent the print head from drying out, do not unplug the printer while the power is on.

1. Select **Maintenance** on the printer's control panel.

To select an item, use the     buttons, and then press the OK button.

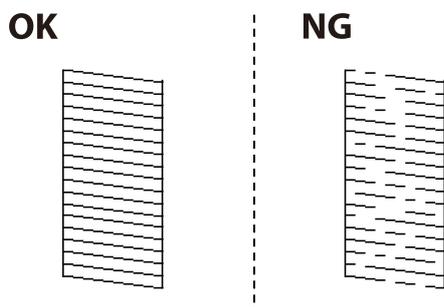
2. Select **Print Head Nozzle Check**.

3. Follow the on-screen instructions to load paper and print the nozzle check pattern.

4. Examine the printed pattern.

- If there are broken lines or missing segments as shown in the "NG" pattern, the print head nozzles may be clogged. Go to the next step.

- If you cannot see any broken lines or missing segments as in the following "OK" pattern, the nozzles are not clogged. Print head cleaning is not necessary. Select  to exit.



5. Select .
6. Follow the on-screen instructions to clean the print head.
7. When cleaning is finished, follow the on-screen instructions to print the nozzle check pattern again. Repeat cleaning and printing the pattern until all lines are printed completely.

Note:

You can also check and clean the print head from the printer driver.

- Windows

Click **Print Head Nozzle Check** on the **Maintenance** tab.

- Mac OS

Apple menu > **System Preferences** > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**) > Epson(XXXX) > **Options & Supplies** > **Utility** > **Open Printer Utility** > **Print Head Nozzle Check**

Preventing nozzle clogging

Always use the power button when turning the printer on and off.

Check that the power light is off before you disconnect the power cord.

The ink itself can dry out if it is not covered. Just like placing a cap on a fountain pen or an oil pen to prevent it from drying, make sure the print head is capped properly to prevent the ink from drying.

When the power cord is unplugged or a power outage occurs while the printer is in operation, the print head may not be capped properly. If the print head is left as it is, it will dry out causing nozzles (ink outlets) to clog.

In these cases, turn the printer on and off again as soon as possible to cap the print head.

Aligning the Print Head

If you notice a misalignment of vertical lines or blurred images, align the print head.

1. Select **Maintenance** on the printer's control panel.

To select an item, use the     buttons, and then press the OK button.

2. Select **Print Head Alignment**.

3. Select one of the alignment menus.
 - Vertical lines look misaligned or the printouts look blurry : Select **Ruled Line Alignment**.
 - Horizontal banding occurs at regular intervals: Select **Horizontal Alignment**.
4. Follow the on-screen instructions.

Cleaning the Paper Path for Ink Smears

When the printouts are smeared or scuffed, clean the roller inside.



Important:

Do not use tissue paper to clean the inside of the printer. The print head nozzles may be clogged with lint.

1. Select **Maintenance** on the printer's control panel.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.
2. Select **Paper Guide Cleaning**.
3. Follow the on-screen instructions to load paper and clean the paper path.
4. Repeat this procedure until the paper is not smeared with ink.

Cleaning the Translucent Film

When the printout is not improved after aligning the print head or cleaning the paper path, the translucent film inside the printer may be smeared.

Items required:

- Cotton swabs (several)
- Water with a few drops of detergent (2 to 3 drops of detergent in 1/4 cup of tap water)
- Light for checking smears

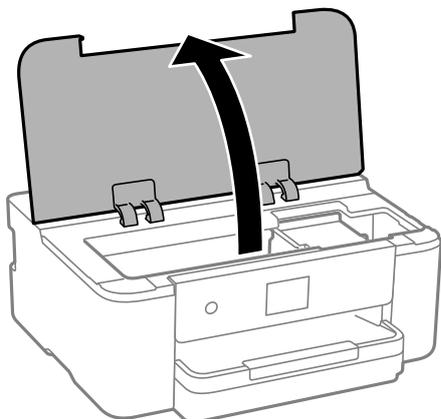


Important:

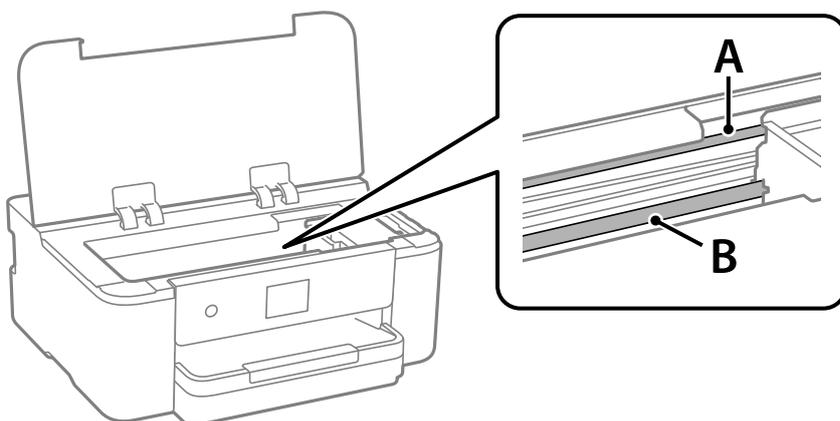
Do not use cleaning liquid other than water with a few drops of detergent.

1. Turn off the printer by pressing the  button.

2. Open the printer cover.



3. Check if the translucent film is smeared. Smears are easier to see if you use a light.
If there are smears (such as finger marks or grease) on the translucent film (A), go to the next step.



A: Translucent film

B: Rail

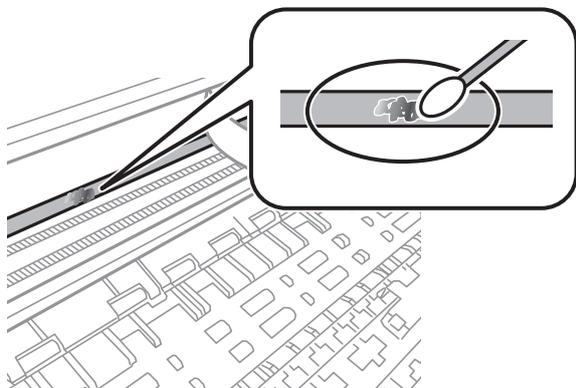


Important:

Be careful not to touch the rail (B). Otherwise, you may not be able to print. Do not wipe off the grease on the rail, because this is necessary for operations.

4. Moisten a cotton swab with the water with a few drops of detergent so that it is not dripping water, and then wipe the smeared part.

Be careful not to touch the ink that has adhered inside the printer.



! *Important:*

Wipe off the smear gently. If you press the cotton swab too hard to the film, the springs of the film may be dislocated and the printer may be damaged.

5. Use a new dry cotton swab to wipe the film.

! *Important:*

Do not leave any fibers on the film.

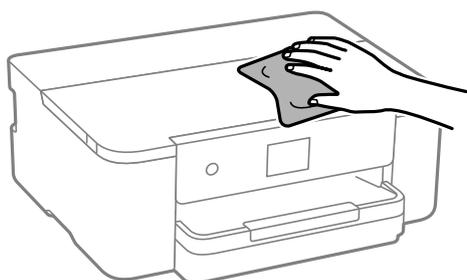
Note:

To prevent the smear from spreading, frequently replace the cotton swab with a new one.

6. Repeat steps 4 and 5 until the film is not smeared.
7. Visually check that the film is not smeared.

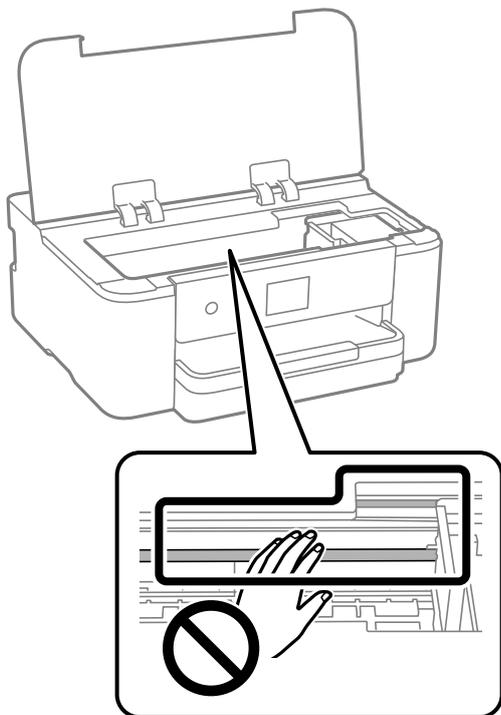
Cleaning the Printer

If the components and the case are dirty or dusty, turn off the printer and clean them using a soft, clean cloth that has been dampened with water. If you cannot remove the dirt, try adding a small amount of mild detergent to the damp cloth.



! **Important:**

- Be careful not to get water onto the printer mechanism or any electrical components. Otherwise, the printer could be damaged.
- Never use alcohol or paint thinner to clean the components and the case. These chemicals can damage them.
- Do not touch the parts shown in the following illustration. Doing so may cause a malfunction.



Saving Power

The printer enters sleep mode or turns off automatically if no operations are performed for a set period. You can adjust the time before power management is applied. Any increase will affect the product's energy efficiency. Please consider the environment before making any change.

1. Select **Settings** on the home screen.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.

2. Select **General Settings** > **Basic Settings**.

3. Do one of the following.

Note:

Your product may have the **Power Off Settings** or **Power Off Timer** feature depending on the location of purchase.

- Select **Sleep Timer** or **Power Off Settings** > **Power Off If Inactive** or **Power Off If Disconnected**, and then make settings.
- Select **Sleep Timer** or **Power Off Timer**, and then make settings.

Installing or Uninstalling Applications Separately

Connect your computer to the network and install the latest version of applications from the website. Log in to your computer as an administrator. Enter the administrator password if the computer prompts you.

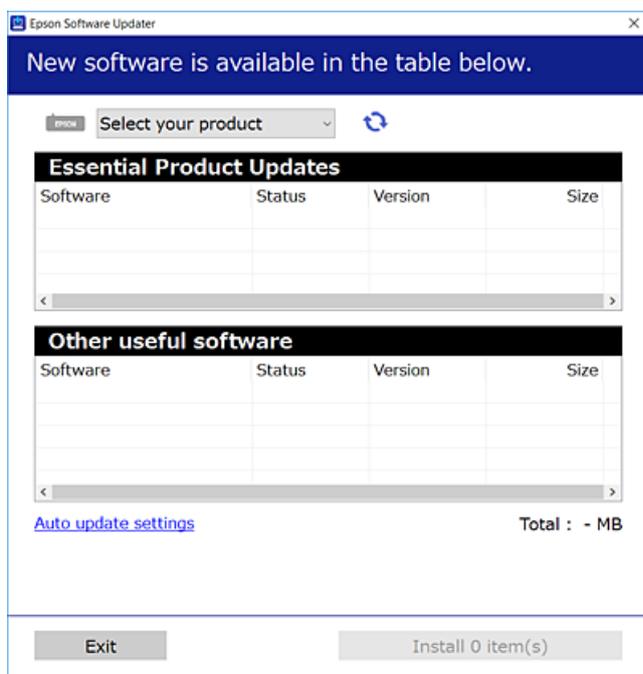
Installing the Applications Separately

Note:

When reinstalling an application, you need to uninstall it first.

1. Make sure the printer and the computer are available for communication, and the printer is connected to the Internet.
2. Start EPSON Software Updater.

The screenshot is an example on Windows.



3. For Windows, select your printer, and then click  to check for the latest available applications.
4. Select the items you want to install or update, and then click the install button.



Important:

Do not turn off or unplug the printer until the update is complete. Doing so may result in malfunction of the printer.

Note:

- ❑ You can download the latest applications from the Epson website.

<http://www.epson.com>

- ❑ If you use Windows Server operating systems, you cannot use Epson Software Updater. Download the latest applications from the Epson website.

Related Information

- ➔ “Application for Updating Software and Firmware (Epson Software Updater)” on page 167
- ➔ “Uninstalling Applications” on page 85

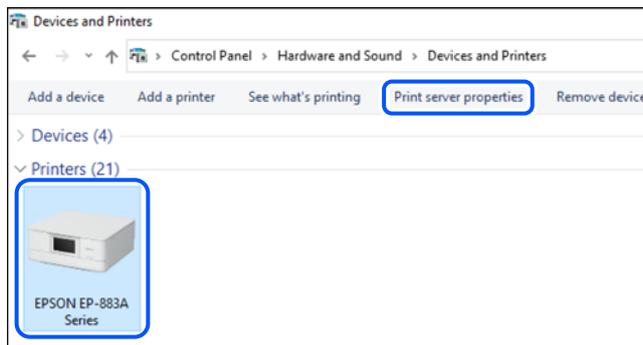
Checking if a genuine Epson printer driver is installed - Windows

You can check if a genuine Epson printer driver is installed on your computer by using one of the following methods.

Select **Control Panel > View devices and printers (Printers, Printers and Faxes)**, and then do the following to open the print server properties window.

- ❑ Windows 11/Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Server 2022/Windows Server 2019/Windows Server 2016/Windows Server 2012 R2/Windows Server 2012/Windows Server 2008 R2

Click the printer icon, and then click **Print server properties** at the top of the window.



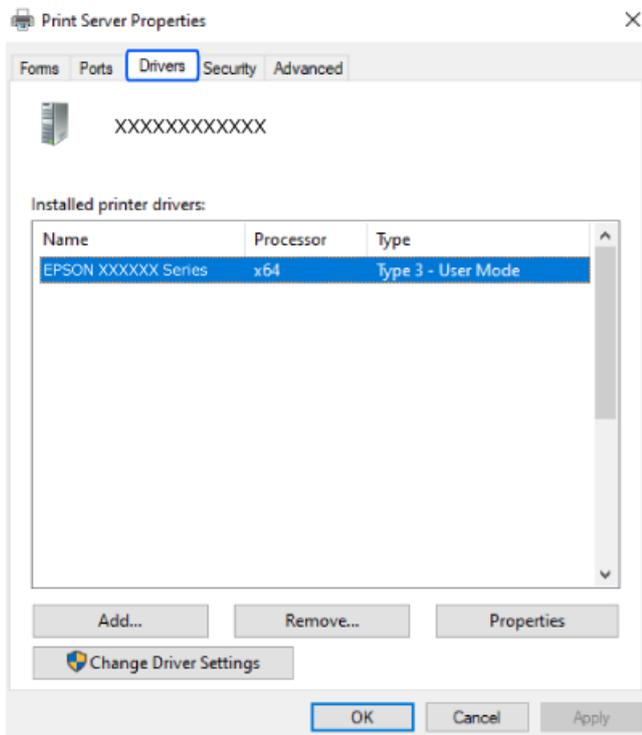
- ❑ Windows Vista/Windows Server 2008

Right-click on the **Printers** folder, and then click **Run as administrator > Server Properties**.

- ❑ Windows XP/Windows Server 2003 R2/Windows Server 2003

From the **File** menu, select **Server Properties**.

Click the **Drivers** tab. If your printer name is displayed in the list, a genuine Epson printer driver is installed on your computer.



Related Information

➔ [“Installing the Applications Separately” on page 82](#)

Checking if a genuine Epson printer driver is installed - Mac OS

You can check if a genuine Epson printer driver is installed on your computer by using one of the following methods.

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies**, and if the **Options** tab and **Utility** tab are displayed on the window, a genuine Epson printer driver is installed on your computer.



Related Information

➔ [“Installing the Applications Separately”](#) on page 82

Adding a Genuine Epson Printer (for Mac OS Only)

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**).
2. Click +, and then select your printer on the screen displayed.
3. Make the following settings.
 - macOS Monterey (12.x) or later
Click **Select Software** from **Use**, select your printer on the screen displayed, and then click **OK**.
 - Mac OS X Mavericks (10.9) to macOS Big Sur (11.x)
Select your printer from **Use**.

4. Click **Add**.

Note:

If your printer is not listed, check that it is correctly connected to the computer and that the printer is on.

Uninstalling Applications

Log in to your computer as an administrator. Enter the administrator password if the computer prompts you.

Uninstalling Applications - Windows

1. Press the  button to turn off the printer.
 2. Quit all running applications.
 3. Open **Control Panel**:
 - Windows 11
Click on the start button, and then select **All apps > Windows Tools > Control Panel**.
 - Windows 10/Windows Server 2022/Windows Server 2019/Windows Server 2016
Click on the start button, and then select **Windows System > Control Panel**.
 - Windows 8.1/Windows 8/Windows Server 2012 R2/Windows Server 2012
Select **Desktop > Settings > Control Panel**.
 - Windows 7/Windows Vista/Windows XP/Windows Server 2008 R2/Windows Server 2008/Windows Server 2003 R2/Windows Server 2003
Click the start button and select **Control Panel**.
 4. Open **Uninstall a program** (or **Add or Remove Programs**):
 - Windows 11/Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Vista/Windows Server 2022/Windows Server 2019/Windows Server 2016/Windows Server 2012 R2/Windows Server 2012/Windows Server 2008 R2/Windows Server 2008
Select **Uninstall a program** in **Programs**.
 - Windows XP/Windows Server 2003 R2/Windows Server 2003
Click **Add or Remove Programs**.
 5. Select the application you want to uninstall.
You cannot uninstall the printer driver if there is any print jobs. Delete or wait to be printed the jobs before uninstalling.
 6. Uninstall the applications:
 - Windows 11/Windows 10/Windows 8.1/Windows 8/Windows 7/Windows Vista/Windows Server 2022/Windows Server 2019/Windows Server 2016/Windows Server 2012 R2/Windows Server 2012/Windows Server 2008 R2/Windows Server 2008
Click **Uninstall/Change** or **Uninstall**.
 - Windows XP/Windows Server 2003 R2/Windows Server 2003
Click **Change/Remove** or **Remove**.
- Note:**
If the **User Account Control** window is displayed, click **Continue**.
7. Follow the on-screen instructions.

Uninstalling Applications - Mac OS

1. Download the Uninstaller using EPSON Software Updater.
Once you have downloaded the Uninstaller, you do not need to download it again each time you uninstall the application.
2. Press the  button to turn off the printer.
3. To uninstall the printer driver, select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then remove the printer from the enabled printers list.
4. Quit all running applications.
5. Select **Go > Applications > Epson Software > Uninstaller**.
6. Select the application you want to uninstall, and then click **Uninstall**.



Important:

The Uninstaller removes all drivers for Epson inkjet printers on the computer. If you use multiple Epson inkjet printers and you only want to delete some drivers, delete all of them first, and then install the necessary printer driver again.

Note:

*If you cannot find the application you want to uninstall in the application list, you cannot uninstall using the Uninstaller. In this situation, select **Go > Applications > Epson Software**, select the application you want to uninstall, and then drag it to the trash icon.*

Related Information

➔ [“Application for Updating Software and Firmware \(Epson Software Updater\)” on page 167](#)

Updating Applications and Firmware

You may be able to clear certain problems and improve or add functions by updating the applications and the firmware. Make sure you use the latest version of the applications and firmware.

1. Make sure that the printer and the computer are connected, and the computer is connected to the internet.
2. Start EPSON Software Updater, and update the applications or the firmware.



Important:

Do not turn off the computer or the printer until the update is complete; otherwise, the printer may malfunction.

Note:

If you cannot find the application you want to update in the list, you cannot update using the EPSON Software Updater. Check for the latest versions of the applications from your local Epson website.

<http://www.epson.com>

Related Information

➔ [“Application for Updating Software and Firmware \(Epson Software Updater\)” on page 167](#)

Updating the Printer's Firmware Using the Control Panel

If the printer is connected to the Internet, you can update the printer's firmware using the control panel. By updating the firmware, the printer's performance may improve, or new functions may be added. You can also set the printer to regularly check for firmware updates and notify you if any are available.

1. Select **Settings** on the home screen.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.

2. Select **Firmware Update > Update**.

Note:

Enable **Notification** to set the printer to regularly check for available firmware updates.

3. Check the message displayed on the screen and select **Start Checking**.
4. Check the message displayed on the screen, select **Start**, and then follow the on-screen instructions.

The firmware is updated when new firmware is found. Once the update has started, it cannot be interrupted.



Important:

- ❑ Do not turn off or unplug the printer until the update is complete. Doing so may result in malfunction of the printer.
- ❑ If the firmware update is not completed or is unsuccessful, the printer does not start up normally and "Recovery Mode" is displayed on the LCD screen the next time the printer is turned on. In this situation, you need to update the firmware again using a computer. Connect the printer to the computer with a USB cable. While "Recovery Mode" is displayed on the printer, you cannot update the firmware over a network connection. On the computer, access your local Epson website, and then download the latest printer firmware. See the instructions on the website for the next steps.

Transporting and Storing the Printer

When you need to store the printer or transport it when moving or for repairs, follow the steps below to pack the printer.

1. Turn off the printer by pressing the  button.
2. Make sure the power light turns off, and then unplug the power cord.

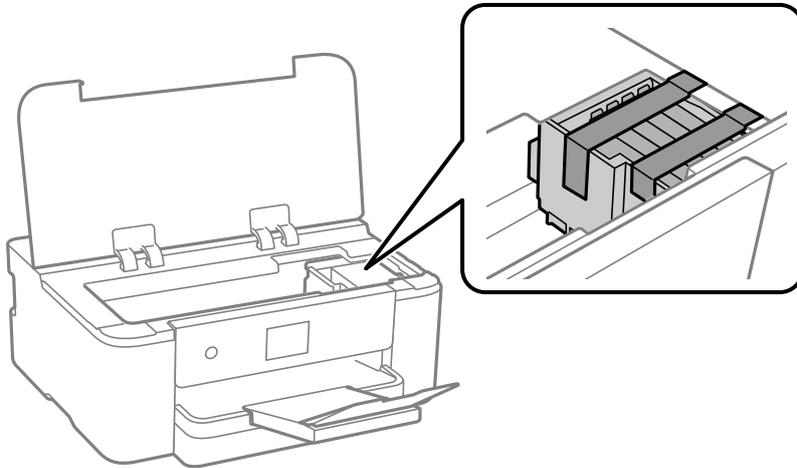


Important:

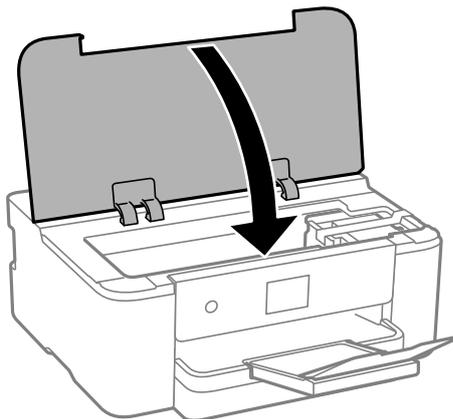
Unplug the power cord when the power light is off. Otherwise, the print head does not return to the home position causing the ink to dry, and printing may become impossible.

3. Disconnect all cables such as the power cord and USB cable.

4. Remove all of the paper from the printer.
5. Open the printer cover. Secure the ink cartridge holder to the case with tape.



6. Close the printer cover.



7. Prepare to pack the printer as shown below.

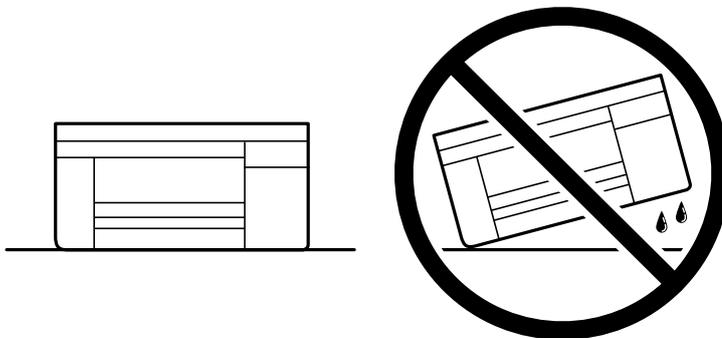


8. Pack the printer in its box, using the protective materials.



Important:

- ❑ *When storing or transporting the printer, avoid tilting it, placing it vertically, or turning it upside down; otherwise ink may leak.*



- ❑ *Leave the ink cartridges installed. Removing the cartridges can dry out the print head and may prevent the printer from printing.*

When you use the printer again, make sure you remove the tape securing the ink cartridge holder. If print quality has declined the next time you print, clean and align the print head.

Related Information

- ➔ [“Checking and Cleaning the Print Head” on page 76](#)
- ➔ [“Aligning the Print Head” on page 77](#)

Solving Problems

The Printer Does Not Work as Expected.	92
A Message is Displayed on the LCD Screen.	115
Paper Gets Jammed.	117
It is Time to Replace the Ink Cartridges.	117
It is Time to Replace the Maintenance Box.	123
Print Quality is Poor.	125
Cannot Solve Problem.	133

The Printer Does Not Work as Expected

The Printer Does Not Turn On or Off

Power Does Not Turn On

The following causes can be considered.

■ The power cord is not plugged in properly to the electrical outlet.

Solutions

Make sure the power cord is securely plugged in.

■ The button was not pressed for long enough.

Solutions

Hold down the  button for a little longer.

Power Does Not Turn Off

■ The button was not pressed for long enough.

Solutions

Hold down the  button for a little longer. If you still cannot turn off the printer, unplug the power cord. To prevent the print head from drying out, turn the printer back on and turn it off by pressing the  button.

Power Turns Off Automatically

■ The Power Off Settings or Power Off Timer feature is enabled.

Solutions

- Select **Settings > General Settings > Basic Settings > Power Off Settings**, and then disable the **Power Off If Inactive** and **Power Off If Disconnected** settings.
- Select **Settings > General Settings > Basic Settings**, and then disable the **Power Off Timer** Setting.

Note:

Your product may have the **Power Off Settings** or **Power Off Timer** feature depending on the location of purchase.

Paper Does Not Feed Properly

No Paper Feeds

The following causes can be considered.

■ **The installation location is inappropriate.**

Solutions

Place the printer on a flat surface and operate in the recommended environmental conditions.

➔ [“Environmental Specifications” on page 181](#)

■ **Unsupported paper is being used.**

Solutions

Use paper supported by this printer.

➔ [“Available Paper and Capacities” on page 156](#)

➔ [“Unavailable Paper Types” on page 159](#)

■ **Paper handling is inappropriate.**

Solutions

Follow paper handling precautions.

➔ [“Paper Handling Precautions” on page 28](#)

■ **Too many sheets are loaded in the printer.**

Solutions

Do not load more than the maximum number of sheets specified for the paper.

➔ [“Available Paper and Capacities” on page 156](#)

■ **The paper settings on the printer are incorrect.**

Solutions

Make sure the paper size and paper type settings match the actual paper size and paper type loaded in the printer.

➔ [“Paper Size and Type Settings” on page 29](#)

Paper Feeds at a Slant

The following causes can be considered.

■ **The installation location is inappropriate.**

Solutions

Place the printer on a flat surface and operate in the recommended environmental conditions.

➔ [“Environmental Specifications” on page 181](#)

■ **Unsupported paper is being used.**

Solutions

Use paper supported by this printer.

➔ [“Available Paper and Capacities” on page 156](#)

➔ [“Unavailable Paper Types” on page 159](#)

■ **Paper handling is inappropriate.**

Solutions

Follow paper handling precautions.

➔ [“Paper Handling Precautions” on page 28](#)

■ **The paper is loaded incorrectly.**

Solutions

Load paper in the correct direction, and slide the edge guide against the edge of the paper.

➔ [“Loading Paper” on page 30](#)

■ **Too many sheets are loaded in the printer.**

Solutions

Do not load more than the maximum number of sheets specified for the paper.

➔ [“Available Paper and Capacities” on page 156](#)

■ **The paper settings on the printer are incorrect.**

Solutions

Make sure the paper size and paper type settings match the actual paper size and paper type loaded in the printer.

➔ [“Paper Size and Type Settings” on page 29](#)

Several Sheets of Paper are Fed at a Time

The following causes can be considered.

■ **The installation location is inappropriate.**

Solutions

Place the printer on a flat surface and operate in the recommended environmental conditions.

➔ [“Environmental Specifications” on page 181](#)

■ **Unsupported paper is being used.**

Solutions

Use paper supported by this printer.

➔ [“Available Paper and Capacities” on page 156](#)

➔ [“Unavailable Paper Types” on page 159](#)

■ **Paper handling is inappropriate.**

Solutions

Follow paper handling precautions.

➔ [“Paper Handling Precautions” on page 28](#)

■ **The paper is moist or damp.**

Solutions

Load new paper.

■ **Static electricity is causing sheets of paper to stick to each other.**

Solutions

Fan the paper before loading. If the paper still does not feed, load one sheet of paper at a time.

■ **Too many sheets are loaded in the printer.**

Solutions

Do not load more than the maximum number of sheets specified for the paper.

➔ [“Available Paper and Capacities” on page 156](#)

■ **The paper settings on the printer are incorrect.**

Solutions

Make sure the paper size and paper type settings match the actual paper size and paper type loaded in the printer.

➔ [“Paper Size and Type Settings” on page 29](#)

■ **Multiple sheets of paper feed at the same time during manual 2-sided printing.**

Solutions

Remove any paper that is loaded in the paper source before you reload the paper.

Cannot Print

Cannot Print from Windows

Make sure the computer and the printer are connected correctly.

The cause and solution to the problem differ depending on whether or not they are connected.

Checking the Connection Status

If you are using Windows, use the Epson Printer Connection Checker to check the connection status for the computer and the printer. You may be able to solve the problem depending on the results of the check.

1. Double-click the **Epson Printer Connection Checker** icon on the desktop.

Epson Printer Connection Checker starts.

If there is no icon on the desktop, follow the methods below to start Epson Printer Connection Checker.

- Windows 11

Click the start button, and then select **All apps > Epson Software > Epson Printer Connection Checker**.

- Windows 10

Click the start button, and then select **Epson Software > Epson Printer Connection Checker**.

- Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

- Windows 7

Click the start button, and then select **All Programs > Epson Software > Epson Printer Connection Checker**.

2. Follow the on-screen instructions to check.

Note:

If the printer name is not displayed, install a genuine Epson printer driver.

[“Checking if a genuine Epson printer driver is installed - Windows” on page 83](#)

When you have identified the problem, follow the solution displayed on the screen.

When you cannot solve the problem, check the following according to your situation.

- The printer is not recognized over a network connection

[“Cannot connect to a Network” on page 96](#)

- The printer is not recognized using a USB connection

[“The Printer Cannot Connect by USB \(Windows\)” on page 99](#)

- The printer is recognized, but printing cannot be performed.

[“Cannot Print Even Though a Connection has been Established \(Windows\)” on page 100](#)

Cannot connect to a Network

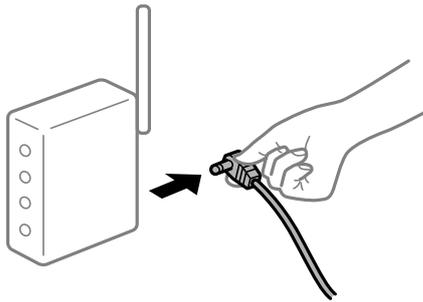
The problem could be one of the following issues.

■ Something is wrong with the network devices for Wi-Fi connection.

Solutions

Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; wireless router, computer or smart device, and then printer. Move the

printer and computer or smart device closer to the wireless router to help with radio wave communication, and then try to make network settings again.



Devices cannot receive signals from the wireless router because they are too far apart.

Solutions

After moving the computer or the smart device and the printer closer to the wireless router, turn off the wireless router, and then turn it back on.

When changing the wireless router, the settings do not match the new router.

Solutions

Make the connection settings again so that they match the new wireless router.

➔ [“When Replacing the Wireless Router” on page 137](#)

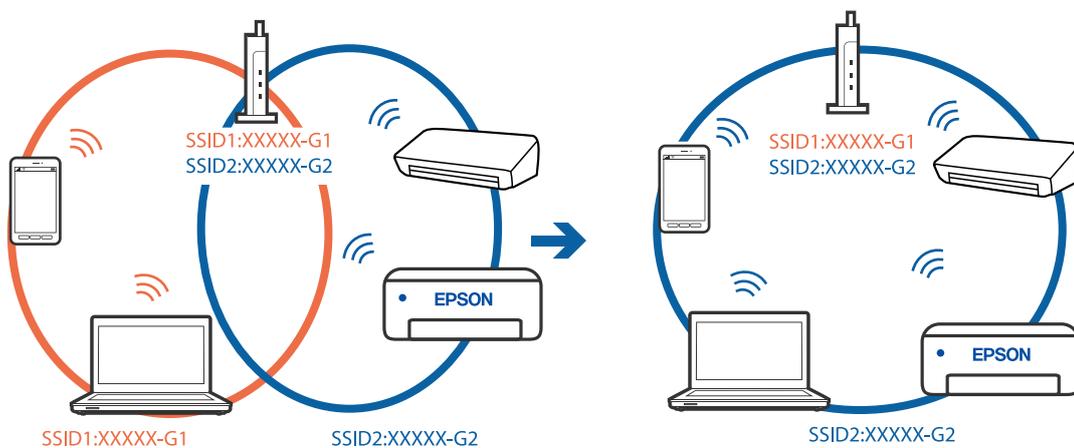
The SSIDs connected from the computer or smart device and computer are different.

Solutions

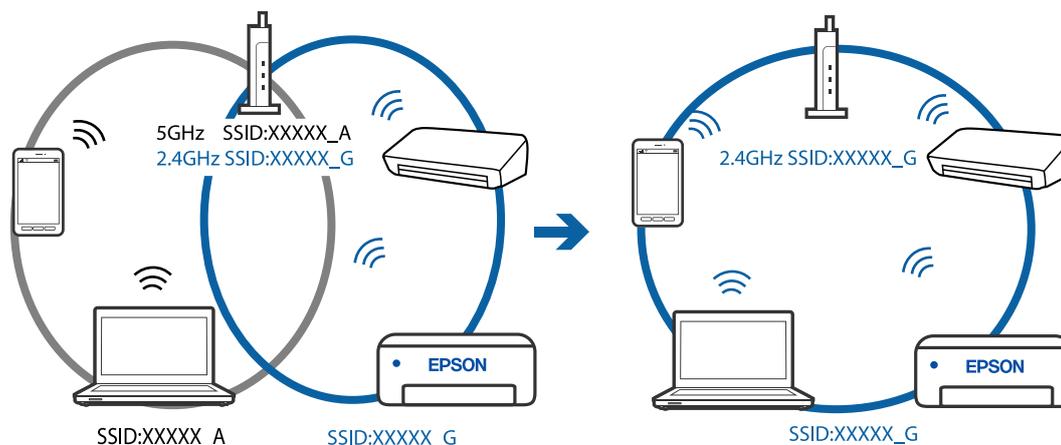
When you are using multiple wireless routers at the same time or the wireless router has multiple SSIDs, you cannot connect to the wireless router.

Connect the computer or smart device to the same SSID as the printer.

❑ Example of connecting to different SSIDs



- ❑ Example of connecting to SSIDs with a different frequency range



A privacy separator on the wireless router is available.

Solutions

Most wireless routers have a separator function that blocks communication between devices within the same SSID. If you cannot communicate between the printer and the computer or smart device even if they are connected to the same network, disable the separator function on the wireless router. See the manual provided with the wireless router for details.

The IP address is incorrectly assigned.

Solutions

If the IP address assigned to the printer is 169.254.XXX.XXX, and the subnet mask is 255.255.0.0, the IP address may not be assigned correctly.

Select **Settings > General Settings > Network Settings > Advanced** on the printer's control panel, and then check the IP address and the subnet mask assigned to the printer.

Restart the wireless router or reset the network settings for the printer.

➔ [“Re-setting the Network Connection” on page 137](#)

There is a problem with the network settings on the computer.

Solutions

Try accessing any website from your computer to make sure that your computer's network settings are correct. If you cannot access any website, there is a problem on the computer.

Check the network connection of the computer. See the documentation provided with the computer for details.

The printer has been connected by Ethernet using devices that support IEEE802.3az (Energy Efficient Ethernet).

Solutions

When you connect the printer by Ethernet using devices that support IEEE802.3az (Energy Efficient Ethernet), the following problems may occur depending on the hub or router that you are using.

- ❑ Connection becomes unstable, the printer is connected and disconnected again and again.
- ❑ Cannot connect to the printer.

- ❑ The communication speed becomes slow.

Follow the steps below to disable IEEE802.3az for the printer and then connect.

1. Remove the Ethernet cable connected to the computer and the printer.
 2. When IEEE802.3az for the computer is enabled, disable it.
See the documentation provided with the computer for details.
 3. Connect the computer and the printer with an Ethernet cable directly.
 4. On the printer, print a network connection report.
[“Printing a Network Connection Report” on page 147](#)
 5. Check the printer's IP address on the network connection report.
 6. On the computer, access Web Config.
Launch a Web browser, and then enter the printer's IP address.
[“Running Web Config on a Web Browser” on page 165](#)
 7. Select the **Network Settings** tab > **Wired LAN**.
 8. Select **OFF** for **IEEE 802.3az**.
 9. Click **Next**.
 10. Click **OK**.
 11. Remove the Ethernet cable connected to the computer and the printer.
 12. If you disabled IEEE802.3az for the computer in step 2, enable it.
 13. Connect the Ethernet cables that you removed in step 1 to the computer and the printer.
- If the problem still occurs, devices other than the printer may be causing the problem.

The Printer Cannot Connect by USB (Windows)

The following causes can be considered.

■ The USB cable is not plugged into the electrical outlet correctly.

Solutions

Connect the USB cable securely to the printer and the computer.

■ There is a problem with the USB hub.

Solutions

If you are using a USB hub, try to connect the printer directly to the computer.

■ There is a problem with the USB cable or the USB inlet.

Solutions

If the USB cable cannot be recognized, change the port, or change the USB cable.

Cannot Print Even Though a Connection has been Established (Windows)

The following causes can be considered.

■ There is a problem with the software or data.

Solutions

- ❑ Make sure that a genuine Epson printer driver (EPSON XXXXX) is installed. If a genuine Epson printer driver is not installed, the available functions are limited. We recommend using a genuine Epson printer driver.
- ❑ If you are printing a large data size image, the computer may run out of memory. Print the image at a lower resolution or a smaller size.
- ❑ If you have tried all of the solutions and have not solved the problem, try uninstalling and then reinstalling the printer driver.
- ❑ You may be able to clear the problem by updating the software to the latest version. To check the software status, use the software update tool.

➔ [“Checking if a genuine Epson printer driver is installed - Windows” on page 83](#)

➔ [“Checking if a genuine Epson printer driver is installed - Mac OS” on page 84](#)

➔ [“Installing the Applications Separately” on page 82](#)

➔ [“Updating Applications and Firmware” on page 87](#)

■ There is a problem with the printer's status.

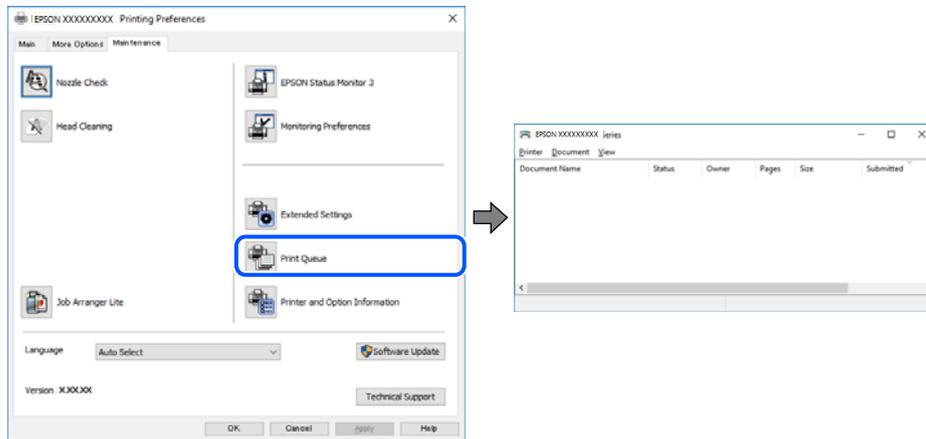
Solutions

Click **EPSON Status Monitor 3** on the printer driver's **Maintenance** tab, and then check the printer status. If **EPSON Status Monitor 3** is disabled, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.

There is still a job waiting to be printed.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab. If unnecessary data remains, select **Cancel all documents** from the **Printer** menu.

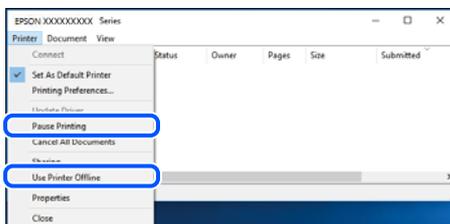


The printer is pending or offline.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab.

If the printer is offline or pending, clear the offline or pending setting from the **Printer** menu.



The printer is not selected as the default printer.

Solutions

Right-click the printer icon in **Control Panel > View devices and printers** (or **Printers, Printers and Faxes**) and click **Set as default printer**.

Note:

If there are multiple printer icons, see the following to select the correct printer.

Example)

USB connection: EPSON XXXX Series

Network connection: EPSON XXXX Series (network)

If you install the printer driver multiple times, copies of the printer driver may be created. If copies such as "EPSON XXXX Series (copy 1)" are created, right-click the copied driver icon, and then click **Remove Device**.

■ The printer port is not set correctly.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab.

Make sure the printer port is set correctly as shown below in **Property > Port** from the **Printer** menu.

USB connection: **USBXXX**, Network connection: **EpsonNet Print Port**

Suddenly the Printer Cannot Print over a Network Connection

The problem could be one of the following issues.

■ The network environment has been changed.

Solutions

When you have changed the network environment, such as the wireless router or provider, try making network settings for the printer again.

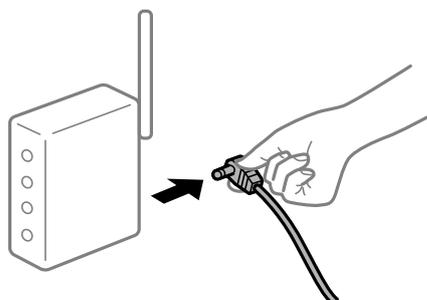
Connect the computer or smart device to the same SSID as the printer.

➔ [“Re-setting the Network Connection” on page 137](#)

■ Something is wrong with the network devices for Wi-Fi connection.

Solutions

Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; wireless router, computer or smart device, and then printer. Move the printer and computer or smart device closer to the wireless router to help with radio wave communication, and then try to make network settings again.



■ The printer is not connected to the network.

Solutions

Select **Settings > General Settings > Network Settings > Connection Check**, and then print the network connection report. If the report shows that the network connection failed, check the network connection report and then follow the printed solutions.

➔ [“Printing a Network Connection Report” on page 147](#)

■ There is a problem with the network settings on the computer.

Solutions

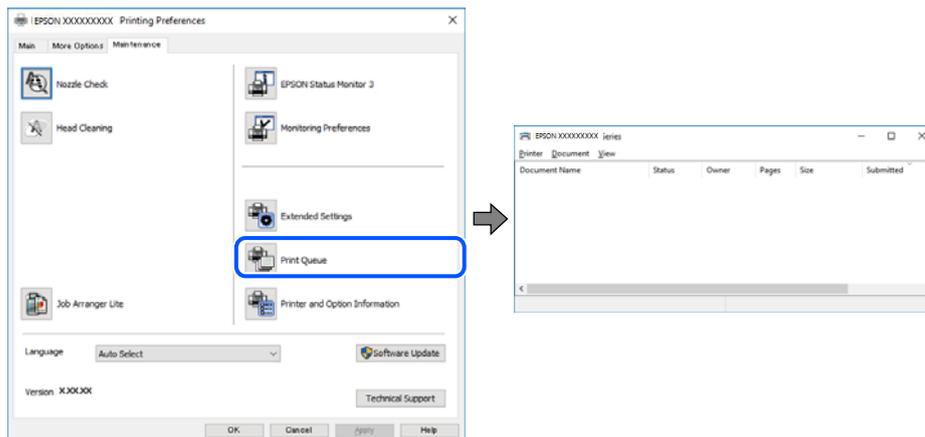
Try accessing any website from your computer to make sure that your computer's network settings are correct. If you cannot access any website, there is a problem on the computer.

Check the network connection of the computer. See the documentation provided with the computer for details.

There is still a job waiting to be printed.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab. If unnecessary data remains, select **Cancel all documents** from the **Printer** menu.

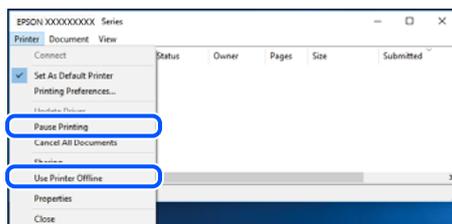


The printer is pending or offline.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab.

If the printer is offline or pending, clear the offline or pending setting from the **Printer** menu.



The printer is not selected as the default printer.

Solutions

Right-click the printer icon in **Control Panel > View devices and printers** (or **Printers, Printers and Faxes**) and click **Set as default printer**.

Note:

If there are multiple printer icons, see the following to select the correct printer.

Example)

USB connection: EPSON XXXX Series

Network connection: EPSON XXXX Series (network)

If you install the printer driver multiple times, copies of the printer driver may be created. If copies such as "EPSON XXXX Series (copy 1)" are created, right-click the copied driver icon, and then click **Remove Device**.

■ The printer port is not set correctly.

Solutions

Click **Print Queue** on the printer driver's **Maintenance** tab.

Make sure the printer port is set correctly as shown below in **Property > Port** from the **Printer** menu.

USB connection: **USBXXX**, Network connection: **EpsonNet Print Port**

Cannot Print from Mac OS

Make sure the computer and the printer are connected correctly.

The cause and solution to the problem differ depending on whether or not they are connected.

Checking the Connection Status

Use EPSON Status Monitor to check the connection status for the computer and the printer.

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer.
2. Click **Options & Supplies > Utility > Open Printer Utility**.
3. Click **EPSON Status Monitor**.

When the remaining ink levels are displayed, a connection has been successfully established between the computer and the printer.

Check the following if a connection has not been established.

- The printer is not recognized over a network connection
[“Cannot connect to a Network” on page 104](#)
- The printer is not recognized using a USB connection
[“The Printer Cannot Connect by USB \(Mac OS\)” on page 107](#)

Check the following if a connection has been established.

- The printer is recognized, but printing cannot be performed.
[“Cannot Print Even Though a Connection has been Established \(Mac OS\)” on page 108](#)

Cannot connect to a Network

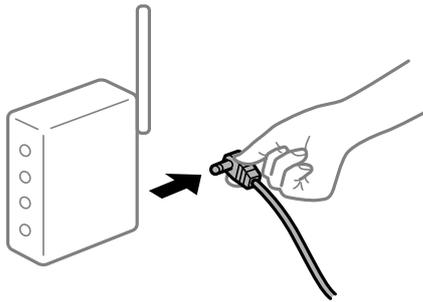
The problem could be one of the following issues.

■ Something is wrong with the network devices for Wi-Fi connection.

Solutions

Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; wireless router, computer or smart device, and then printer. Move the

printer and computer or smart device closer to the wireless router to help with radio wave communication, and then try to make network settings again.



Devices cannot receive signals from the wireless router because they are too far apart.

Solutions

After moving the computer or the smart device and the printer closer to the wireless router, turn off the wireless router, and then turn it back on.

When changing the wireless router, the settings do not match the new router.

Solutions

Make the connection settings again so that they match the new wireless router.

➔ [“When Replacing the Wireless Router” on page 137](#)

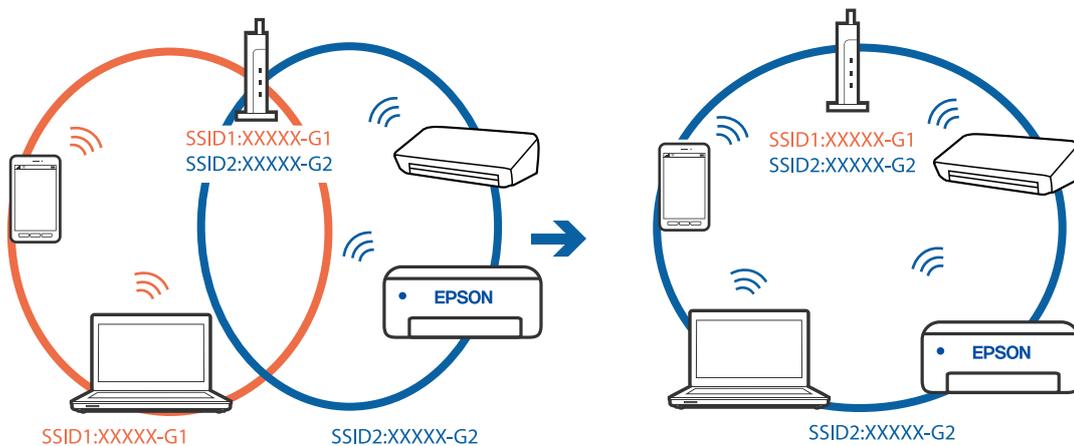
The SSIDs connected from the computer or smart device and computer are different.

Solutions

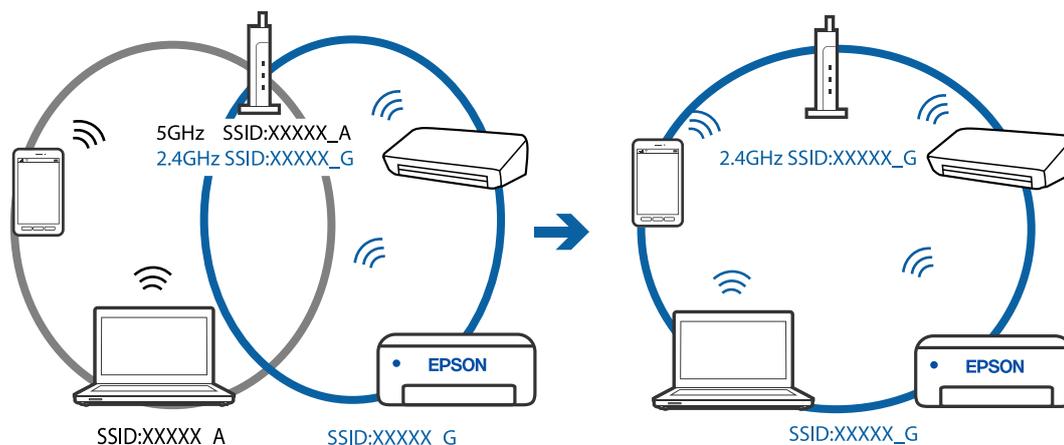
When you are using multiple wireless routers at the same time or the wireless router has multiple SSIDs, you cannot connect to the wireless router.

Connect the computer or smart device to the same SSID as the printer.

❑ Example of connecting to different SSIDs



- ❑ Example of connecting to SSIDs with a different frequency range



■ A privacy separator on the wireless router is available.

Solutions

Most wireless routers have a separator function that blocks communication between devices within the same SSID. If you cannot communicate between the printer and the computer or smart device even if they are connected to the same network, disable the separator function on the wireless router. See the manual provided with the wireless router for details.

■ The IP address is incorrectly assigned.

Solutions

If the IP address assigned to the printer is 169.254.XXX.XXX, and the subnet mask is 255.255.0.0, the IP address may not be assigned correctly.

Select **Settings > General Settings > Network Settings > Advanced** on the printer's control panel, and then check the IP address and the subnet mask assigned to the printer.

Restart the wireless router or reset the network settings for the printer.

➔ [“Re-setting the Network Connection” on page 137](#)

■ There is a problem with the network settings on the computer.

Solutions

Try accessing any website from your computer to make sure that your computer's network settings are correct. If you cannot access any website, there is a problem on the computer.

Check the network connection of the computer. See the documentation provided with the computer for details.

■ The device connected to the USB 3.0 port causes radio frequency interference.

Solutions

When you connect a device to the USB 3.0 port on a Mac, radio frequency interference may occur. Try the following if you cannot connect to wireless LAN (Wi-Fi) or if operations become unstable.

- ❑ Place the device that is connected to the USB 3.0 port further away from the computer.

➔ [“Making Wi-Fi Settings by Entering the SSID and Password” on page 140](#)

The printer has been connected by Ethernet using devices that support IEEE802.3az (Energy Efficient Ethernet).

Solutions

When you connect the printer by Ethernet using devices that support IEEE802.3az (Energy Efficient Ethernet), the following problems may occur depending on the hub or router that you are using.

- Connection becomes unstable, the printer is connected and disconnected again and again.
- Cannot connect to the printer.
- The communication speed becomes slow.

Follow the steps below to disable IEEE802.3az for the printer and then connect.

1. Remove the Ethernet cable connected to the computer and the printer.
 2. When IEEE802.3az for the computer is enabled, disable it.
See the documentation provided with the computer for details.
 3. Connect the computer and the printer with an Ethernet cable directly.
 4. On the printer, print a network connection report.
[“Printing a Network Connection Report” on page 147](#)
 5. Check the printer's IP address on the network connection report.
 6. On the computer, access Web Config.
Launch a Web browser, and then enter the printer's IP address.
[“Running Web Config on a Web Browser” on page 165](#)
 7. Select the **Network Settings** tab > **Wired LAN**.
 8. Select **OFF** for **IEEE 802.3az**.
 9. Click **Next**.
 10. Click **OK**.
 11. Remove the Ethernet cable connected to the computer and the printer.
 12. If you disabled IEEE802.3az for the computer in step 2, enable it.
 13. Connect the Ethernet cables that you removed in step 1 to the computer and the printer.
- If the problem still occurs, devices other than the printer may be causing the problem.

The Printer Cannot Connect by USB (Mac OS)

The following causes can be considered.

■ The USB cable is not plugged into the electrical outlet correctly.

Solutions

Connect the USB cable securely to the printer and the computer.

■ There is a problem with the USB hub.

Solutions

If you are using a USB hub, try to connect the printer directly to the computer.

■ There is a problem with the USB cable or the USB inlet.

Solutions

If the USB cable cannot be recognized, change the port, or change the USB cable.

Cannot Print Even Though a Connection has been Established (Mac OS)

The following causes can be considered.

■ There is a problem with the software or data.

Solutions

- ❑ Make sure that a genuine Epson printer driver (EPSON XXXXX) is installed. If a genuine Epson printer driver is not installed, the available functions are limited. We recommend using a genuine Epson printer driver.
 - ❑ If you are printing a large data size image, the computer may run out of memory. Print the image at a lower resolution or a smaller size.
 - ❑ If you have tried all of the solutions and have not solved the problem, try uninstalling and then reinstalling the printer driver.
 - ❑ You may be able to clear the problem by updating the software to the latest version. To check the software status, use the software update tool.
- ➔ [“Checking if a genuine Epson printer driver is installed - Windows” on page 83](#)
- ➔ [“Checking if a genuine Epson printer driver is installed - Mac OS” on page 84](#)
- ➔ [“Installing the Applications Separately” on page 82](#)
- ➔ [“Updating Applications and Firmware” on page 87](#)

■ There is a problem with the status of the printer.

Solutions

Make sure the printer status is not **Pause**.

Select **System Preferences** from the **Apple** menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then double-click the printer. If the printer is paused, click **Resume**.

Suddenly the Printer Cannot Print over a Network Connection

The problem could be one of the following issues.

■ The network environment has been changed.

Solutions

When you have changed the network environment, such as the wireless router or provider, try making network settings for the printer again.

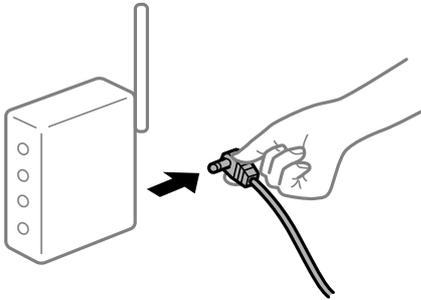
Connect the computer or smart device to the same SSID as the printer.

➔ [“Re-setting the Network Connection” on page 137](#)

■ Something is wrong with the network devices for Wi-Fi connection.

Solutions

Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; wireless router, computer or smart device, and then printer. Move the printer and computer or smart device closer to the wireless router to help with radio wave communication, and then try to make network settings again.



■ The printer is not connected to the network.

Solutions

Select **Settings > General Settings > Network Settings > Connection Check**, and then print the network connection report. If the report shows that the network connection failed, check the network connection report and then follow the printed solutions.

➔ [“Printing a Network Connection Report” on page 147](#)

■ There is a problem with the network settings on the computer.

Solutions

Try accessing any website from your computer to make sure that your computer's network settings are correct. If you cannot access any website, there is a problem on the computer.

Check the network connection of the computer. See the documentation provided with the computer for details.

Cannot Print from Smart Device

Make sure the smart device and the printer are connected correctly.

The cause and solution to the problem differ depending on whether or not they are connected.

Check the connection with the smart device

Use Epson Smart Panel to check the connection between the smart device and the printer.

Open the Epson Smart Panel. If you cannot connect to the printer, tap [+] at the top of the screen to reset.

If you are not using Epson Smart Panel, see the link below.

<https://epson.sn>

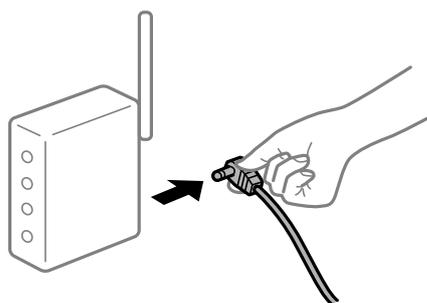
Cannot connect to a Network

The problem could be one of the following issues.

■ Something is wrong with the network devices for Wi-Fi connection.

Solutions

Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; wireless router, computer or smart device, and then printer. Move the printer and computer or smart device closer to the wireless router to help with radio wave communication, and then try to make network settings again.



■ Devices cannot receive signals from the wireless router because they are too far apart.

Solutions

After moving the computer or the smart device and the printer closer to the wireless router, turn off the wireless router, and then turn it back on.

■ When changing the wireless router, the settings do not match the new router.

Solutions

Make the connection settings again so that they match the new wireless router.

➔ [“When Replacing the Wireless Router” on page 137](#)

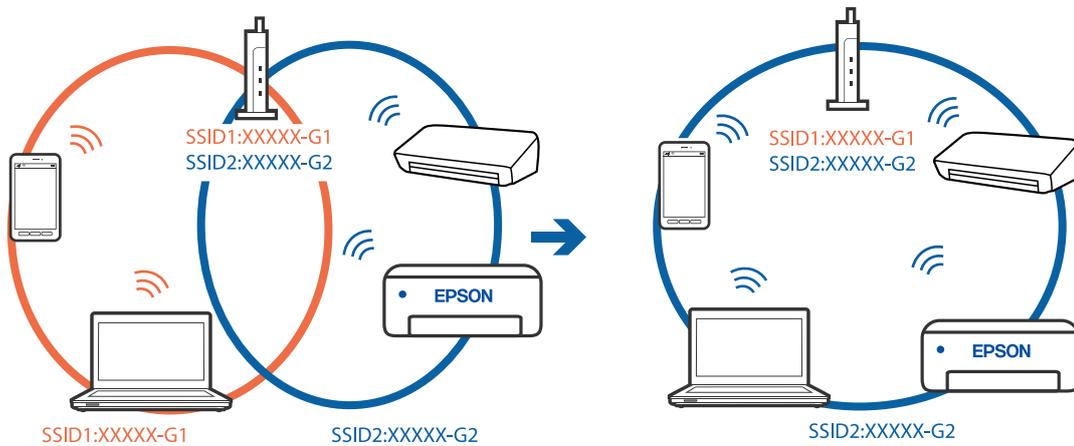
■ The SSIDs connected from the computer or smart device and computer are different.

Solutions

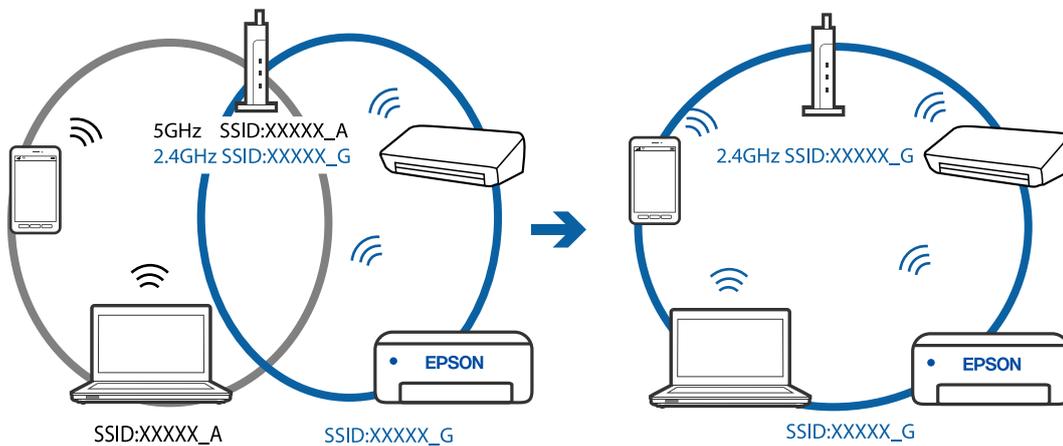
When you are using multiple wireless routers at the same time or the wireless router has multiple SSIDs and devices are connected to different SSIDs, you cannot connect to the wireless router.

Connect the computer or smart device to the same SSID as the printer.

❑ Example of connecting to different SSIDs



❑ Example of connecting to SSIDs with a different frequency range



■ A privacy separator on the wireless router is available.

Solutions

Most wireless routers have a separator function that blocks communication between devices within the same SSID. If you cannot communicate between the printer and the computer or smart device even if they are connected to the same network, disable the separator function on the wireless router. See the manual provided with the wireless router for details.

■ The IP address is incorrectly assigned.

Solutions

If the IP address assigned to the printer is 169.254.XXX.XXX, and the subnet mask is 255.255.0.0, the IP address may not be assigned correctly.

Select **Settings > General Settings > Network Settings > Advanced** on the printer's control panel, and then check the IP address and the subnet mask assigned to the printer.

Restart the wireless router or reset the network settings for the printer.

➔ [“Re-setting the Network Connection” on page 137](#)

■ **There is a problem with the network settings on the smart device.**

Solutions

Try accessing any website from your smart device to make sure that your smart device's network settings are correct. If you cannot access any website, there is a problem on the smart device.

Check the network connection of the computer. See the documentation provided with the smart device for details.

Cannot Print Even Though a Connection has been Established (iOS)

The following causes can be considered.

■ **Paper Setup Auto Display is disabled.**

Solutions

Enable **Paper Setup Auto Display** in the following menu.

Settings > General Settings > Printer Settings > Paper Source Settings > Paper Setup Auto Display

■ **AirPrint is disabled.**

Solutions

Enable the AirPrint setting on Web Config.

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Suddenly the Printer Cannot Print over a Network Connection

The problem could be one of the following issues.

■ **The network environment has been changed.**

Solutions

When you have changed the network environment, such as the wireless router or provider, try making network settings for the printer again.

Connect the computer or smart device to the same SSID as the printer.

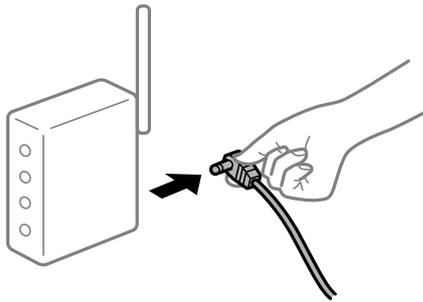
➔ [“Re-setting the Network Connection” on page 137](#)

■ **Something is wrong with the network devices for Wi-Fi connection.**

Solutions

Turn off the devices you want to connect to the network. Wait for about 10 seconds, and then turn on the devices in the following order; wireless router, computer or smart device, and then printer. Move the

printer and computer or smart device closer to the wireless router to help with radio wave communication, and then try to make network settings again.



■ The printer is not connected to the network.

Solutions

Select **Settings > General Settings > Network Settings > Connection Check**, and then print the network connection report. If the report shows that the network connection failed, check the network connection report and then follow the printed solutions.

➔ [“Printing a Network Connection Report” on page 147](#)

■ There is a problem with the network settings on the smart device.

Solutions

Try accessing any website from your smart device to make sure that your smart device's network settings are correct. If you cannot access any website, there is a problem on the smart device.

Check the network connection of the computer. See the documentation provided with the smart device for details.

Cannot Operate the Printer as Expected

Operations are Slow

Printing Is Too Slow

The following causes can be considered.

■ Unnecessary applications are running.

Solutions

Close any unnecessary applications on your computer or smart device.

■ The print quality is set to high.

Solutions

Lower the quality setting.

■ Bidirectional printing is disabled.

Solutions

Enable the bidirectional (or high speed) setting. When this setting is enabled, the print head prints while moving in both directions, and the printing speed increases.

❑ Windows

Select **Bidirectional Printing** on the printer driver's **More Options** tab.

❑ Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **On** as the **Bidirectional Printing** setting.

■ Quiet Mode is enabled.

Solutions

Disable **Quiet Mode**. The printing speed slows down when the printer is running in **Quiet Mode**.

❑ Control panel

Select  on the home screen, and then select **Off**.

❑ Windows

Select **Off** as the **Quiet Mode** setting on the printer driver's **Main** tab.

❑ Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **Off** as the **Quiet Mode** setting.

Printing Slows Down Dramatically During Continuous Printing

■ The function that prevents the printer mechanism from overheating and being damaged is operating.

Solutions

You can continue printing. To return to normal printing speed, leave the printer idle for at least 30 minutes. Printing speed does not return to normal if the power is off.

LCD Screen Gets Dark

■ The printer is in sleep mode.

Solutions

Press any button on the control panel to return the LCD screen to its former state.

Operation Sounds Are Loud

■ Quiet Mode is disabled on the printer.

Solutions

If operations sounds are too loud, enable **Quiet Mode**. Enabling this feature may reduce printing speed.

Control panel

Select  on the home screen, and then select **On**.

Windows

Select **On** as the **Quiet Mode** on the printer driver's **Main** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **On** as the **Quiet Mode** setting.

The Date and Time Are Incorrect

■ Error occurred in power supply.

Solutions

After a power failure caused by a lightning strike or if the power is left off for a long time, the clock may show the wrong time. Set the date and the time correctly in **Settings** > **General Settings** > **Basic Settings** > **Date/Time Settings** on the control panel.

The Root Certificate Needs to be Updated

■ The root certificate has expired.

Solutions

Run Web Config, and then update the root certificate.

Forgot Your Password

■ You need help from service personnel.

Solutions

If you forget the administrator's password, contact Epson support.

A Message is Displayed on the LCD Screen

If an error message is displayed on the LCD screen, follow the on-screen instructions or the solutions below to solve the problem.

Error Messages	Solutions
<p>Printer Error</p> <p>Turn on the printer again. See your documentation for more details.</p>	<p>Remove any paper or protective material in the printer. If the error message is still displayed, contact Epson support.</p>
<p>Paper out in XX.</p>	<p>Load paper, and then insert the paper cassette all the way.</p>
<p>You need to replace Ink Cartridge.</p>	<p>To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your printer indicates it is time to replace the cartridge. Replace the cartridge when you are prompted to do so.</p>
<p>The printer's borderless printing ink pad is nearing the end of its service life. It is not a user-replaceable part. Please contact Epson support.</p>	<p>Contact Epson or an authorised Epson service provider to replace the borderless printing ink pad*. It is not a user-serviceable part.</p> <p>Select OK to resume printing.</p>
<p>The printer's borderless printing ink pad has reached the end of its service life. It is not a user-replaceable part. Please contact Epson support.</p>	<p>Contact Epson or an authorised Epson service provider to replace the borderless printing ink pad*. It is not a user-serviceable part.</p> <p>Borderless printing is not available, but printing with a border is available.</p>
<p>Paper Setup Auto Display is set to Off. Some features may not be available. For details, see your documentation.</p>	<p>If Paper Setup Auto Display is disabled, you cannot use AirPrint.</p>
<p>The combination of the IP address and the subnet mask is invalid. See your documentation for more details.</p>	<p>Enter the correct IP address or default gateway. Contact the person who setup the network for assistance.</p>
<p>To use cloud services, update the root certificate from the Epson Web Config utility.</p>	<p>Run Web Config, and then update the root certificate.</p>
<p>Check that the printer driver is installed on the computer and that the port settings for the printer are correct.</p>	<p>Make sure the printer port is selected correctly in Property > Port from the Printer menu as follows.</p> <p>Select "USBXXX" for a USB connection, or "EpsonNet Print Port" for a network connection.</p>
<p>Recovery Mode</p> <p>Update Firmware</p>	<p>The printer has started in recovery mode because the firmware update failed. Follow the steps below to try to update the firmware again.</p> <ol style="list-style-type: none"> 1. Connect the computer and the printer with a USB cable. (During recovery mode, you cannot update the firmware over a network connection.) 2. Visit your local Epson website for further instructions.

*In some print cycles a very small amount of surplus ink may be collected in the borderless printing ink pad. To prevent ink leakage from the pad, the product is designed to stop borderless printing when the pad has reached its limit. Whether and how often this is required will vary according to the number of pages you print using the borderless print option. The need for replacement of the pad does not mean that your printer has ceased to operate in accordance with its specifications. The printer will advise you when the pad requires replacing and this can only be performed by an authorised Epson Service provider. The Epson warranty does not cover the cost of this replacement.

Paper Gets Jammed

Check the error displayed on the control panel and follow the instructions to remove the jammed paper including any torn pieces. The LCD screen displays an animation that shows you how to remove jammed paper. Next, select **OK** to clear the error.



Caution:

Never touch the buttons on the control panel while your hand is inside the printer. If the printer starts operating, it could cause an injury. Be careful not to touch the protruding parts to avoid injury.



Important:

Remove the jammed paper carefully. Removing the paper vigorously may cause damage to the printer.

Preventing Paper Jams

Check the following if paper jams occur frequently.

- Place the printer on a flat surface and operate in the recommended environmental conditions.
[“Environmental Specifications” on page 181](#)
- Use the paper supported by this printer.
[“Available Paper and Capacities” on page 156](#)
- Follow paper handling precautions.
[“Paper Handling Precautions” on page 28](#)
- Load paper in the correct direction, and slide the edge guide against the edge of the paper.
[“Loading Paper” on page 30](#)
- Do not load more than the maximum number of sheets specified for paper.
- Load one sheet of paper at a time if you have loaded several sheets of paper.
- Make sure the paper size and paper type settings match the actual paper size and paper type loaded in the printer.
[“List of Paper Type” on page 29](#)

It is Time to Replace the Ink Cartridges

Ink Cartridge Handling Precautions

Read the following instructions before replacing ink cartridges.

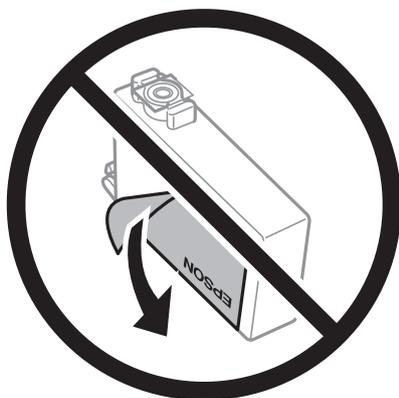
Storing precautions for ink

- Keep the ink cartridges out of direct sunlight.
- Do not store the ink cartridges in high or freezing temperatures.

- ❑ For best results, Epson recommends using up ink cartridges before the best before date printed on the package, or within six months of opening the package, whichever is earlier.
- ❑ For best results, store ink cartridge packages with their bottom down.
- ❑ After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- ❑ Do not open the ink cartridge package until you are ready to install it in the printer. The cartridge is vacuum packed to maintain its reliability. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.

Handling precautions for replacing ink cartridges

- ❑ Be careful not to break the hooks on the side of the ink cartridge when you remove it from the package.
- ❑ Do not shake cartridges after opening the package, as they may leak.
- ❑ You must remove the yellow tape from the cartridge before installing it; otherwise, print quality may decline or you may not be able to print. Do not remove or tear the label on the cartridge; this can cause leakage.



- ❑ Do not remove the transparent seal from the bottom of the cartridge; otherwise, the cartridge may become unusable.



- ❑ Do not touch the sections shown in the illustration. Doing so may prevent normal operation and printing.



- ❑ Install all ink cartridges; otherwise you cannot print.
- ❑ Do not replace ink cartridges with the power off. Do not move the print head by hand; otherwise, you may damage the printer.
- ❑ Do not turn off the printer during ink charging. If the ink charging is incomplete, you may not be able to print.
- ❑ Do not leave the printer with the ink cartridges removed or do not turn off the printer during cartridge replacement. Otherwise, ink remaining in the print head nozzles will dry out and you may not be able to print.
- ❑ If you need to remove an ink cartridge temporarily, make sure you protect the ink supply area from dirt and dust. Store the ink cartridge in the same environment as the printer, with the ink supply port facing down or sideways. Do not store ink cartridges with the ink supply port facing up. Because the ink supply port is equipped with a valve designed to contain the release of excess ink, there is no need to supply your own covers or plugs.
- ❑ Removed ink cartridges may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the cartridges.
- ❑ This printer uses ink cartridges equipped with a green chip that monitors information such as the amount of remaining ink for each cartridge. This means that even if the cartridge is removed from the printer before it is expended, you can still use the cartridge after reinserting it back into the printer. However, when reinserting a cartridge, some ink may be consumed to guarantee printer performance.
- ❑ For maximum ink efficiency, only remove an ink cartridge when you are ready to replace it. Ink cartridges with low ink status may not be used when reinserted.
- ❑ To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your printer indicates to replace the cartridge. The yields quoted for you do not include this reserve.
- ❑ Do not disassemble or remodel the ink cartridge, otherwise you may not be able to print normally.
- ❑ You cannot use the cartridges that came with the printer for the replacement.

Ink consumption

- ❑ To maintain optimum print head performance, some ink is consumed from all cartridges during maintenance operations. Ink may also be consumed when you replace ink cartridge or turn the printer on.
- ❑ When printing in monochrome or grayscale, color inks instead of black ink may be used depending on the paper type or print quality settings. This is because a mixture of color inks is used to create black.

- The ink in the ink cartridges supplied with your printer is partly used during initial setup. In order to produce high quality printouts, the print head in your printer will be fully charged with ink. This one-off process consumes a quantity of ink and therefore these cartridges may print fewer pages compared to subsequent ink cartridges.
- Quoted yields may vary depending on the images that you are printing, the paper type that you are using, the frequency of your prints and environmental conditions such as temperature.

Replacing Ink Cartridges

When a message is displayed prompting you to replace the ink cartridges, select **How To** and then view the animations displayed on the control panel to learn how to replace the ink cartridges.

If you need to replace the ink cartridges before they are expended, select **Maintenance > Ink Cartridge Replacement** on the home screen, and then follow the on-screen instructions. Select **Next** for details.

See the following related information before replacing ink cartridges.

Related Information

➔ [“Ink Cartridge Handling Precautions” on page 117](#)

Continue Printing Temporarily without Replacing Ink Cartridges

Temporarily Printing with Black Ink

When color ink is expended and black ink still remains, you can use the following settings to continue printing for a short time using only black ink.

- Paper Type: Plain paper, Preprinted, Letterhead, Color, Recycled, High quality plain paper, Thick-Paper, Envelope
- Color: Grayscale
- Borderless: Not selected
- EPSON Status Monitor 3: Enabled (When printing from the printer driver on Windows.)

Because this feature is only available for approximately five days, replace the expended ink cartridge as soon as possible.

Note:

- If EPSON Status Monitor 3 is disabled, access the printer driver, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.*
- The available period varies depending on the usage conditions.*

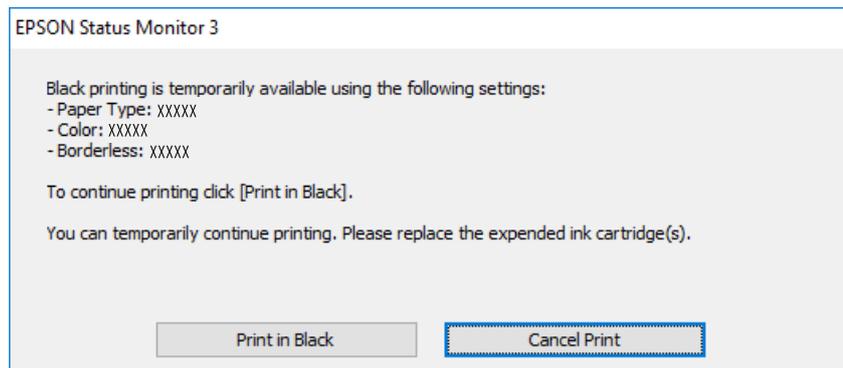
Related Information

➔ [“Continue Printing Temporarily without Replacing Ink Cartridges” on page 120](#)

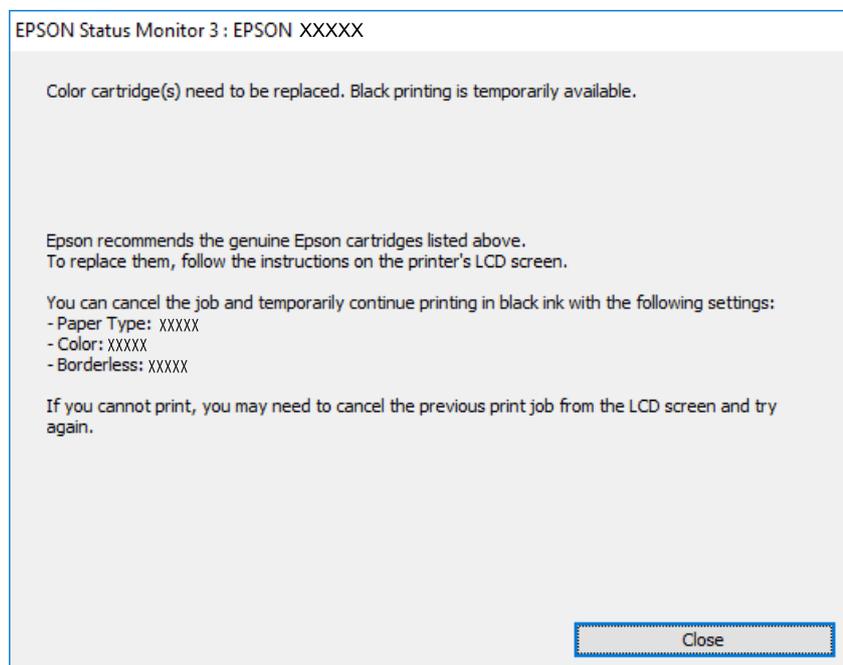
Continue Printing Temporarily with Only Black Ink (Windows)

Do one of the following.

- ❑ When the following window is displayed, select **Print in Black**.



- ❑ When the following window is displayed, cancel printing. And then, printing again.



Note:

If you cannot cancel printing from the computer, cancel using the printer's control panel.

Follow the steps below when printing again.

1. Access the printer driver window.
2. Clear **Borderless** on the **Main** tab.
3. Select a **Paper Type** that supports Print in Black.
4. Select **Grayscale**.
5. Set the other items on the **Main** and **More Options** tabs as necessary, and then click **OK**.
6. Click **Print**.

7. Click **Print in Black** in the window displayed.

Related Information

➔ [“Temporarily Printing with Black Ink” on page 120](#)

Continue Printing Temporarily with Only Black Ink (Mac OS)

Note:

To use this feature through a network, connect with **Bonjour**.

1. Click the printer icon in the **Dock**.

2. Cancel the job.

Note:

If you cannot cancel printing from the computer, cancel using the printer's control panel.

3. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**).
4. Select **On** as the **Permit temporary black printing** setting.
5. Access the print dialog.
6. Select **Print Settings** from the pop-up menu.
7. Select any paper size except for a borderless size as the **Paper Size** setting.
8. Select a paper type that supports **Permit temporary black printing** as the **Media Type** setting.
9. Select **Grayscale**.
10. Set the other items as necessary.
11. Click **Print**.

Related Information

➔ [“Temporarily Printing with Black Ink” on page 120](#)

Continue Printing to Conserve Black Ink (for Windows Only)

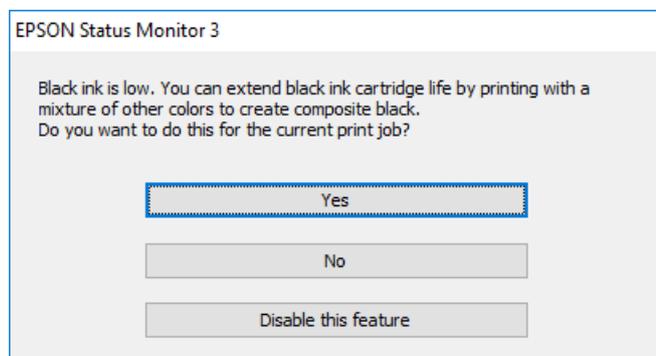
When black ink is running low and there is enough color ink remaining, you can use a mixture of color inks to create black. You can continue printing while preparing a replacement black ink cartridge.

This feature is only available when you select the following settings in the printer driver.

- Paper Type: Plain paper, Preprinted, Letterhead, Color, Recycled, High quality plain paper, Thick-Paper
- Quality: Standard
- EPSON Status Monitor 3: Enabled

Note:

- If EPSON Status Monitor 3 is disabled, access the printer driver, click **Extended Settings** on the **Maintenance** tab, and then select **Enable EPSON Status Monitor 3**.
- Composite black looks slightly different from pure black. In addition, the print speed is reduced.
- To maintain the quality of the print head, black ink is also consumed.



Options	Description
Yes	Select to use a mixture of color inks to create black. This window is displayed the next time you print a similar job.
No	Select to continue using the remaining black ink. This window is displayed the next time you print a similar job.
Disable this feature	Select to continue using the remaining black ink. This window is not displayed until you replace the black ink cartridge and it runs low again.

It is Time to Replace the Maintenance Box

Maintenance Box Handling Precautions

Read the following instructions before replacing the maintenance box.

- Do not touch the green chip on the side of the maintenance box. Doing so may prevent normal operation and printing.
- Do not tilt the used maintenance box until after it is sealed in the plastic bag; otherwise ink may leak.
- Keep the maintenance box out of direct sunlight.
- Do not store the maintenance box in high or freezing temperatures.
- Do not replace the maintenance box during printing; otherwise, ink may leak.
- Do not remove the maintenance box and its cover except when replacing the maintenance box; otherwise ink may leak.
- When the cover cannot be reattached, the maintenance box may not be installed correctly. Remove the maintenance box, and re-install it.
- Do not reuse a maintenance box which has been removed and left detached for a long period. Ink inside the box will have solidified and no more ink can be absorbed.

Replacing a Maintenance Box

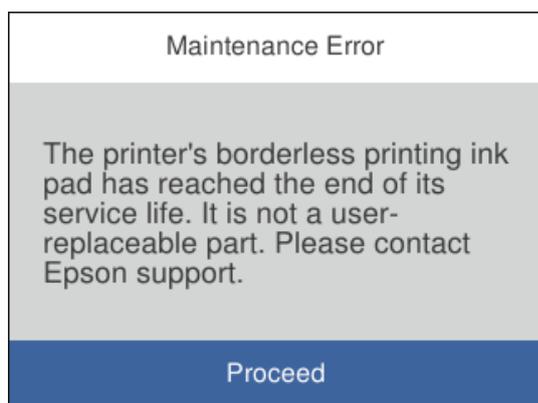
In some print cycles a very small amount of surplus ink may be collected in the maintenance box. To prevent ink leakage from the maintenance box, the printer is designed to stop printing when the absorbing capacity of the maintenance box has reached its limit. Whether and how often this is required will vary according to the number of pages you print, the type of material that you print and the number of cleaning cycles that the printer performs.

When a message is displayed prompting you to replace the maintenance box, refer to the animations displayed on the control panel. The need for replacement of the box does not mean that your printer has ceased to operate in accordance with its specifications. The Epson warranty does not cover the cost of this replacement. It is a user-serviceable part.



Note:

- ❑ When it is full, you cannot print and clean the print head until the maintenance box is replaced to avoid ink leakage.
- ❑ When the following screen is displayed, the part cannot be replaced by users. Contact Epson support.
Borderless printing is not available, but printing with a border is available.



Related Information

- ➔ [“Maintenance Box Code” on page 160](#)
- ➔ [“Maintenance Box Handling Precautions” on page 123](#)

Print Quality is Poor

Color Missing, Banding, or Unexpected Colors Appear in Printout



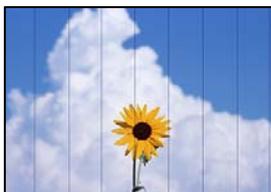
■ The print head nozzles may be clogged.

Solutions

Use the **Print Quality Adjustment** feature. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.

➔ [“Adjusting the Print Quality” on page 74](#)

Colored Banding Appears at Intervals of Approximately 1.1 cm or 3.3 cm



The following causes can be considered.

■ The paper type setting does not match the paper loaded.

Solutions

Select the appropriate paper type setting for the type of paper loaded in the printer.

➔ [“List of Paper Type” on page 29](#)

■ The print quality is set to low.

Solutions

When printing on plain paper, print using a higher quality setting.

Windows

Select **High** from **Quality** on the printer driver's **Main** tab.

Mac OS

Select **Fine** as **Print Quality** from the print dialog's **Print Settings** menu.

■ **The print head position is out of alignment.**

Solutions

Align the print head using the **Print Quality Adjustment** feature.

➔ [“Adjusting the Print Quality” on page 74](#)

Blurry Prints, Vertical Banding, or Misalignment



enthalten alle
Aufdruck. W
5008 "Regel

The following causes can be considered.

■ **The print head position is out of alignment.**

Solutions

Align the print head using the **Print Quality Adjustment** feature.

■ **The bidirectional printing setting is enabled.**

Solutions

If print quality does not improve even after aligning the print head, disable the bidirectional setting.

During bidirectional (or high speed) printing, the print head prints while moving in both directions, and vertical lines may be misaligned. Disabling this setting may slow down printing speed but improve print quality.

Windows

Clear **Bidirectional Printing** on the printer driver's **More Options** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **Off** as the **Bidirectional Printing** setting.

Striped Patterns Appear



■ The bidirectional printing setting is enabled.

Solutions

When printing on plain paper, disable the bidirectional setting.

During bidirectional (or high speed) printing, the print head prints while moving in both directions, and vertical lines may be misaligned. Disabling this setting may slow down printing speed but improve print quality.

Windows

Clear **Bidirectional Printing** on the printer driver's **More Options** tab.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan**, **Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **Off** as the **Bidirectional Printing** setting.

■ The print quality is set to low.

Solutions

When printing on photo paper, print using a higher quality setting.

Windows

Select **High** from **Quality** on the printer driver's **Main** tab.

Mac OS

Select **Fine** as **Print Quality** from the print dialog's **Print Settings** menu.

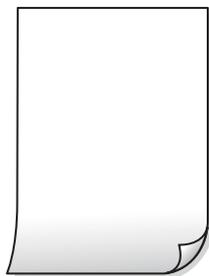
■ The print head nozzles may be clogged.

Solutions

Use the **Print Quality Adjustment** feature. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.

➔ [“Adjusting the Print Quality” on page 74](#)

Printout Comes Out as a Blank Sheet



■ The print head nozzles may be clogged.

Solutions

Use the **Print Quality Adjustment** feature. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.

➔ [“Adjusting the Print Quality” on page 74](#)

■ **The print settings and the paper size loaded in the printer are different.**

Solutions

Change the print settings according to the paper size loaded in the paper cassette. Load paper in the paper cassette that matches the print settings.

■ **Multiple sheets of paper are fed into the printer at the same time.**

Solutions

See the following to prevent multiple sheets of paper being fed into the printer at the same time.

➔ [“Several Sheets of Paper are Fed at a Time” on page 94](#)

Paper Is Smearred or Scuffed



The following causes can be considered.

■ **Paper is loaded incorrectly.**

Solutions

When horizontal banding (perpendicular to the printing direction) appears, or the top or bottom of the paper is smearred, load paper in the correct direction and slide the edge guides to the edges of the paper.

➔ [“Loading Paper” on page 30](#)

■ **The paper path is smearred.**

Solutions

When vertical banding (horizontal to the printing direction) appears, or the paper is smearred, clean the paper path.

➔ [“Cleaning the Paper Path for Ink Smears” on page 78](#)

■ **The paper is curled.**

Solutions

Place the paper on a flat surface to check if it is curled. If it is, flatten it.

■ **The print head is rubbing the surface of the paper.**

Solutions

When printing on thick paper, the print head is close to the printing surface and the paper may be scuffed. In this case, enable the reduce scuff setting. If you enable this setting, print quality may decline or printing may slow down.

Control panel

Select **Settings** > **General Settings** > **Printer Settings**, and then enable **Thick Paper**.

Windows

Click **Extended Settings** on the printer driver's **Maintenance** tab, and then select **Thick Paper and Envelopes**.

Mac OS

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Options** (or **Driver**). Select **On** as the **Thick paper and envelopes** setting.

The back of the paper was printed before the side that had already been printed was dry.

Solutions

When performing manual 2-sided printing, make sure that the ink is completely dry before reloading the paper.

When printing using automatic 2-sided printing, the print density is too high and the drying time is too short.

Solutions

When using the automatic 2-sided printing feature and printing high density data such as images and graphs, set the print density to lower and the drying time to longer.

➔ [“Printing on 2-Sides” on page 41](#)

➔ [“Printing on 2-Sides” on page 63](#)

Printed Photos are Sticky



The print was made on the wrong side of the photo paper.

Solutions

Make sure you are printing on the printable side. When printing on the wrong side of the photo paper, you need to clean the paper path.

➔ [“Cleaning the Paper Path for Ink Smears” on page 78](#)

Images or Photos are Printed in Unexpected Colors



The following causes can be considered.

■ The print head nozzles may be clogged.

Solutions

Use the **Print Quality Adjustment** feature. If you have not used the printer for a long time, the print head nozzles may be clogged and ink drops may not be discharged.

➔ [“Adjusting the Print Quality” on page 74](#)

■ Color correction has been applied.

Solutions

When printing from the Windows printer driver, the Epson auto photo adjustment setting is applied by default depending on the paper type. Try change the setting.

On the **More Options** tab, select **Custom** in **Color Correction**, and then click **Advanced**. Change the **Scene Correction** setting from **Automatic** to any other option. If changing the setting does not work, use any color correction method other than **PhotoEnhance** in **Color Management**.

➔ [“Adjusting the Print Color” on page 57](#)

Cannot Print Without Margins



■ Borderless is not set in the print settings.

Solutions

Make borderless setting in the print settings. If you select a paper type that does not support borderless printing, you cannot select **Borderless**. Select a paper type that supports borderless printing.

Windows

Select **Borderless** on the printer driver's **Main** tab.

Mac OS

Select a borderless paper size from **Paper Size**.

➔ [“Paper for Borderless Printing” on page 158](#)

Edges of the Image are Cropped During Borderless Printing



■ **Because the image is slightly enlarged, the protruding area is cropped.**

Solutions

Select a smaller enlargement setting.

- Windows

Click **Settings** next to the **Borderless** checkbox on the printer driver's **Main** tab, and then change the settings.

- Mac OS

Change the **Expansion** setting from the print dialog's **Print Settings** menu.

The Position, Size, or Margins of the Printout Are Incorrect



The following causes can be considered.

■ **The paper is loaded incorrectly.**

Solutions

Load paper in the correct direction, and slide the edge guide against the edge of the paper.

➔ [“Loading Paper” on page 30](#)

■ **The size of the paper is set incorrectly.**

Solutions

Select the appropriate paper size setting.

■ **The margin setting in the application software is not within the print area.**

Solutions

Adjust the margin setting in the application so that it falls within the printable area.

➔ [“Printable Area” on page 177](#)

- Mac OS

Clear **Mirror Image** from the print dialog's **Print Settings** menu.

Mosaic-Like Patterns in the Prints



■ Images or photos with a low resolution were printed.

Solutions

When printing images or photos, print using high-resolution data. Images on web sites are often low resolution although they look good enough on the display, and so print quality may decline.

Cannot Solve Problem

If you cannot solve the problem after trying all of the solutions, contact Epson support.

If you cannot solve printing problems, see the following related information.

Related Information

- ➔ [“Cannot Solve Printing Problems” on page 133](#)

Cannot Solve Printing Problems

Try the following solutions in order starting at the top until you solve the problem.

- Make sure you match the paper type loaded in the printer and the paper type set on the printer to the paper type settings in the printer driver.

[“Paper Size and Type Settings” on page 29](#)

- Use a higher quality setting on the control panel or the printer driver.

- Reinstall the ink cartridges already installed in the printer.

Reinstalling the ink cartridges may clear clogging in the print head nozzles and allow the ink to flow smoothly.

However, because the ink is consumed when the ink cartridge is reinstalled, a message asking you to replace the ink cartridge may be displayed depending on the amount of ink remaining.

[“It is Time to Replace the Ink Cartridges” on page 117](#)

- Align the print head.

[“Aligning the Print Head” on page 77](#)

- ❑ Run a nozzle check to see if the print head nozzles are clogged.

If there are missing segments in the nozzle check pattern, the nozzles may be clogged. Repeat head cleaning and the nozzle check alternately 3 times and check if the clogging has cleared.

Note that print head cleaning uses some ink.

[“Checking and Cleaning the Print Head” on page 76](#)

- ❑ Turn off the printer, wait for at least 12 hours, and then check if the clogging has cleared.

If the problem is clogging, leaving the printer for a while without printing may solve the problem.

You can check the following items while the printer is off.

- ❑ Check that you are using genuine Epson ink cartridges.

Try to use genuine Epson ink cartridges. This product is designed to adjust colors based on the use of genuine Epson ink cartridges. The use of non-genuine ink cartridges may cause print quality to decline.

[“Ink Cartridge Codes” on page 159](#)

- ❑ Make sure that there are no paper fragments left inside the printer.

When you remove the paper, do not touch the translucent film with your hand or the paper.

- ❑ Check the paper.

Check if the paper is curled or if it has been loaded with the printable side facing in the wrong direction.

[“Paper Handling Precautions” on page 28](#)

[“Available Paper and Capacities” on page 156](#)

[“Unavailable Paper Types” on page 159](#)

- ❑ Make sure that you are not using an old ink cartridge.

For best results, Epson recommends using up ink cartridges before the best before date printed on the package, or within six months of opening the package, whichever is earlier.

If you cannot solve the problem by checking the solutions above, you may need to request repairs. Contact Epson support.

Related Information

➔ [“Before Contacting Epson” on page 220](#)

➔ [“Contacting Epson Support” on page 220](#)

Adding or Replacing the Computer or Devices

Connecting to a Printer that has been Connected to the Network.	136
Re-setting the Network Connection.	137
Connecting a Smart Device and Printer Directly (Wi-Fi Direct).	142
Checking the Network Connection Status.	146

Connecting to a Printer that has been Connected to the Network

When the printer has already been connected to the network, you can connect a computer or a smart device to the printer over the network.

Using a Network Printer from a Second Computer

We recommend using the installer to connect the printer to a computer. You can run the installer using one of the following methods.

- ❑ Setting up from the website

Access the following website, and then enter the product name. Go to **Setup**, and then start setting up.

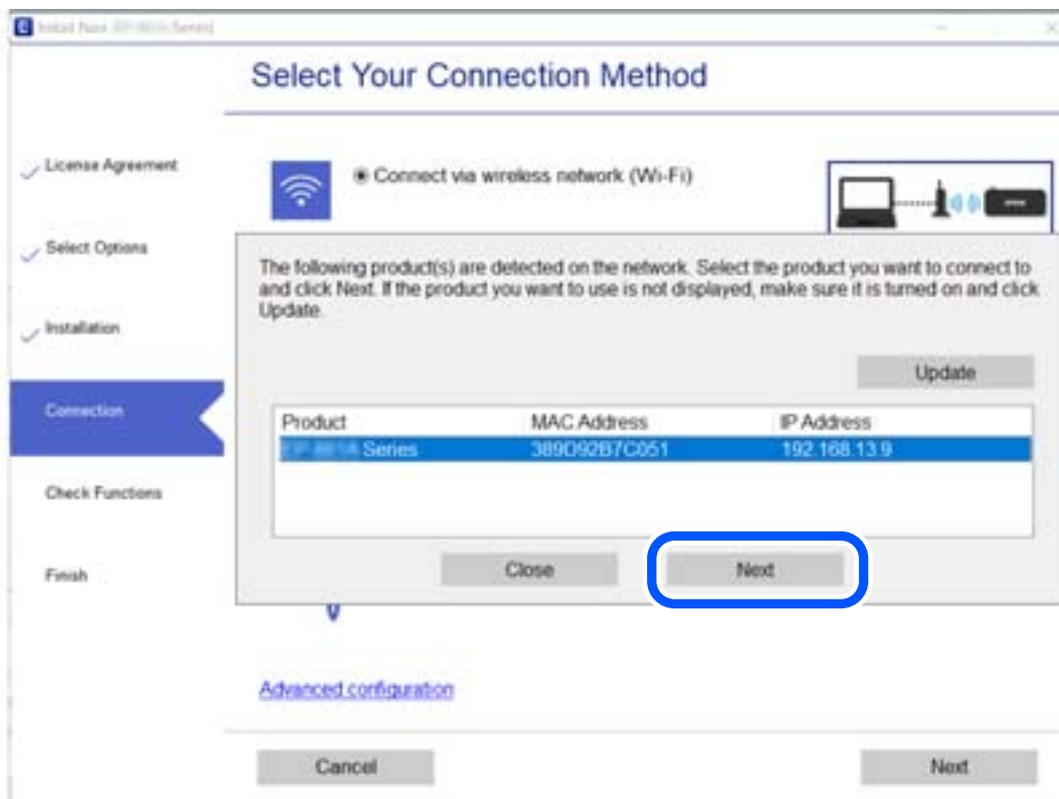
<https://epson.sn>

- ❑ Setting up using the software disc (only for the models that come with a software disc and users with Windows computers with disc drives.)

Insert the software disc into the computer, and then follow the on-screen instructions.

Selecting the Printer

Follow the on-screen instructions until the following screen is displayed, select the printer name you want to connect to, and then click **Next**.



Follow the on-screen instructions.

Using a Network Printer from a Smart Device

You can connect a smart device to the printer using one of the following methods.

Connecting over a wireless router

Connect the smart device to the same Wi-Fi network (SSID) as the printer.

See the following for more details.

[“Making Settings for Connecting to the Smart Device” on page 137](#)

Connecting by Wi-Fi Direct

Connect the smart device to the printer directly without a wireless router.

See the following for more details.

[“Connecting a Smart Device and Printer Directly \(Wi-Fi Direct\)” on page 142](#)

Re-setting the Network Connection

This section explains how to make the network connection settings and change the connection method when replacing the wireless router or the computer.

When Replacing the Wireless Router

When you replace the wireless router, make settings for the connection between the computer or the smart device and the printer.

You need to make these settings if you change your Internet service provider and so on.

Making Settings for Connecting to the Computer

We recommend using the installer to connect the printer to a computer. You can run the installer using one of the following methods.

- Setting up from the website

Access the following website, and then enter the product name. Go to **Setup**, and then start setting up.

<https://epson.sn>

- Setting up using the software disc (only for the models that come with a software disc and users with Windows computers with disc drives.)

Insert the software disc into the computer, and then follow the on-screen instructions.

Making Settings for Connecting to the Smart Device

You can use the printer via the wireless router from your smart device when you connect the printer to the same network as the wireless router.

To set up a new connection, access the following website from the smart device that you want to connect to the printer. Enter the product name, go to Setup, and then start the setup.

<https://epson.sn>

 You can watch the procedure in the Web Movie Manuals. Access the following website.

<https://support.epson.net/publist/vlink.php?code=VC00006>

Note:

If you have already set up the connection between your smart device and the printer but need to reconfigure it, you can do so from an app such as Epson Smart Panel.

When Changing the Computer

When changing the computer, make connection settings between the computer and the printer.

Making Settings for Connecting to the Computer

We recommend using the installer to connect the printer to a computer. You can run the installer using one of the following methods.

- Setting up from the website

Access the following website, and then enter the product name. Go to **Setup**, and then start setting up.

<https://epson.sn>

- Setting up using the software disc (only for the models that come with a software disc and users with Windows computers with disc drives.)

Insert the software disc into the computer, and then follow the on-screen instructions.

Follow the on-screen instructions.

Changing the Connection Method to the Computer

This section explains how to change the connection method when the computer and the printer have been connected.

Changing the Network Connection from Ethernet to Wi-Fi

Change the Ethernet connection to Wi-Fi connection from the printer's control panel. The changing connection method is basically the same as the Wi-Fi connection settings.

Related Information

➔ [“Making Wi-Fi Settings from the Control Panel” on page 140](#)

Changing the Network Connection from Wi-Fi to Ethernet

Follow the steps below to change from a Wi-Fi connection to an Ethernet connection.

1. Select **Settings** on the home screen.

To select an item, use the **▲ ▼ ◀ ▶** buttons, and then press the OK button.

2. Select **General Settings** > **Network Settings** > **Wired LAN Setup**.
3. Follow the on-screen instructions.

Changing from USB to a Network Connection

Using the installer and re-set up in a different connection method.

- Setting up from the website

Access the following website, and then enter the product name. Go to **Setup**, and then start setting up.

<https://epson.sn>

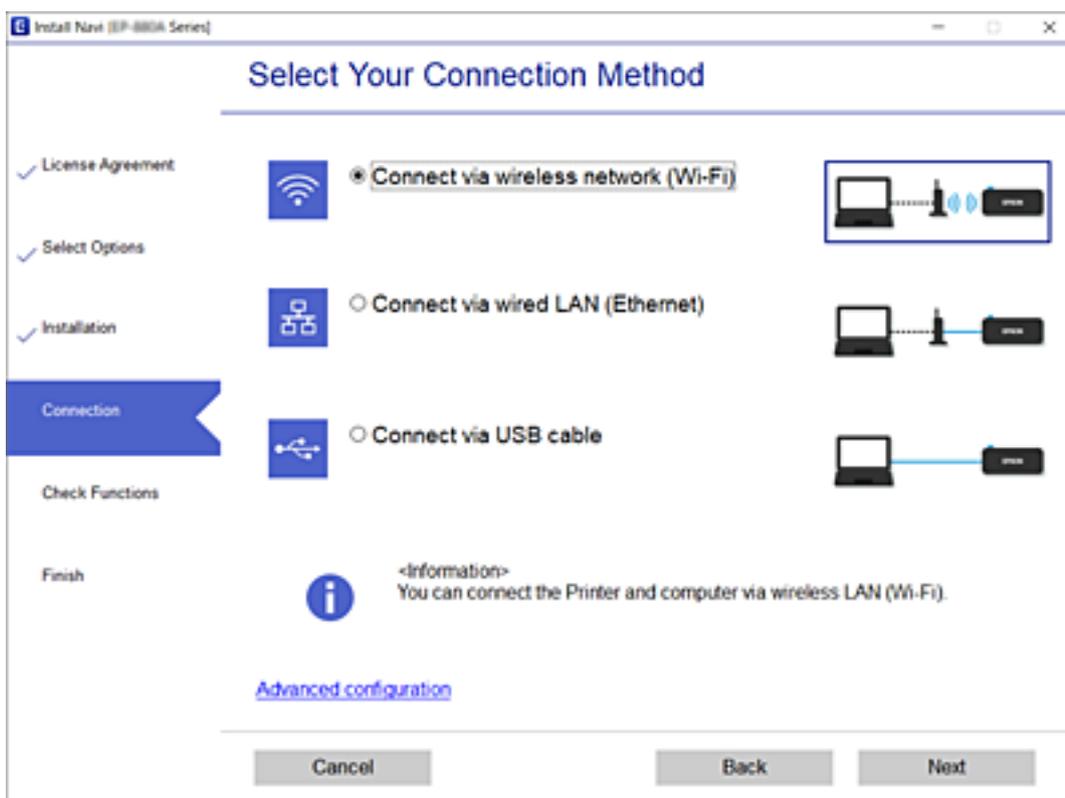
- Setting up using the software disc (only for the models that come with a software disc and users with Windows computers with disc drives.)

Insert the software disc into the computer, and then follow the on-screen instructions.

Selecting Change the Connection Methods

Follow the on-screen instructions until the following screen is displayed.

Select the network connection that you want to use, **Connect via wireless network (Wi-Fi)** or **Connect via wired LAN (Ethernet)**, and then click **Next**.



Note:

The displayed connection method differs depending on the model.

Follow the on-screen instructions.

Making Wi-Fi Settings from the Control Panel

You can make network settings from the printer's control panel in several ways. Choose the connection method that matches the environment and conditions that you are using.

If you know the information for the wireless router such as SSID and password, you can make settings manually.

If the wireless router supports WPS, you can make settings by using push button setup.

After connecting the printer to the network, connect to the printer from the device that you want to use (computer, smart device, tablet, and so on.)

Related Information

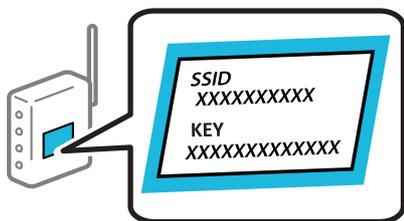
- ➔ [“Making Wi-Fi Settings by Entering the SSID and Password” on page 140](#)
- ➔ [“Making Wi-Fi Settings by Push Button Setup \(WPS\)” on page 141](#)
- ➔ [“Making Wi-Fi Settings by PIN Code Setup \(WPS\)” on page 142](#)

Making Wi-Fi Settings by Entering the SSID and Password

You can set up a Wi-Fi network by entering the information necessary to connect to a wireless router from the printer's control panel. To set up using this method, you need the SSID and password for a wireless router.

Note:

If you are using an wireless router with its default settings, the SSID and password are on the label. If you do not know the SSID and password, contact the person who set up the wireless router, or see the documentation provided with the wireless router.



1. Select **Wi-Fi** on the home screen.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.

2. Select **Wi-Fi (Recommended)**.

3. Press the OK button.

If the network connection is already set up, the connection details are displayed. Select **Change to Wi-Fi connection**, or **Change Settings** to change the settings.

4. Select **Wi-Fi Setup Wizard**.

5. Follow the on-screen instructions to select the SSID, enter the password for the wireless router, and start setup.

If you want to check the network connection status for the printer after setup is complete, see the related information link below for details.

Note:

- ❑ If you do not know the SSID, check if it is written on the label of the wireless router. If you are using the wireless router with its default settings, use the SSID written on the label. If you cannot find any information, see the documentation provided with the wireless router.
- ❑ The password is case-sensitive.
- ❑ If you do not know the password, check if the information is written on the label of the wireless router. On the label, the password may be written "Network Key", "Wireless Password", and so on. If you are using the wireless router with its default settings, use the password written on the label.

Related Information

- ➔ [“Entering Characters” on page 25](#)
- ➔ [“Checking the Network Connection Status” on page 146](#)

Making Wi-Fi Settings by Push Button Setup (WPS)

You can automatically set up a Wi-Fi network by pressing a button on the wireless router. If the following conditions are met, you can set up by using this method.

- ❑ The wireless router is compatible with WPS (Wi-Fi Protected Setup).
- ❑ The current Wi-Fi connection was established by pressing a button on the wireless router.

Note:

If you cannot find the button or you are setting up using the software, see the documentation provided with the wireless router.

1. Select **Wi-Fi** on the home screen.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.

2. Select **Wi-Fi (Recommended)**.

3. Press the OK button.

If the network connection is already set up, the connection details are displayed. Select **Change to Wi-Fi connection.** or **Change Settings** to change the settings.

4. Select **Push Button Setup (WPS)**.

5. Follow the on-screen instructions.

If you want to check the network connection status for the printer after setup is complete, see the related information link below for details.

Note:

If connection fails, restart the wireless router, move it closer to the printer, and try again. If it still does not work, print a network connection report and check the solution.

Related Information

- ➔ [“Checking the Network Connection Status” on page 146](#)

Making Wi-Fi Settings by PIN Code Setup (WPS)

You can automatically connect to an wireless router by using a PIN code. You can use this method to set up if an wireless router is capable of WPS (Wi-Fi Protected Setup). Use a computer to enter a PIN code into the wireless router.

1. Select **Wi-Fi** on the home screen.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.

2. Select **Wi-Fi (Recommended)**.

If the printer has already been connected by Ethernet, select **Router**.

3. Press the OK button.

If the network connection is already set up, the connection details are displayed. Select **Change Settings** to change the settings.

If the printer has already been connected by Ethernet, select **Change to Wi-Fi connection.**, and then select **Yes** after checking the message.

4. Select **Others > PIN Code Setup (WPS)**.

5. Use your computer to enter the PIN code (an eight digit number) displayed on the printer's control panel into the wireless router within two minutes.

Note:

See the documentation provided with your wireless router for details on entering a PIN code.

6. Press the OK button on the printer.

7. Press the OK button.

The screen automatically closes after a specific length of time.

Note:

If connection fails, restart the wireless router, move it closer to the printer, and try again. If it still does not work, print a connection report and check the solution.

8. Press the  button.

Related Information

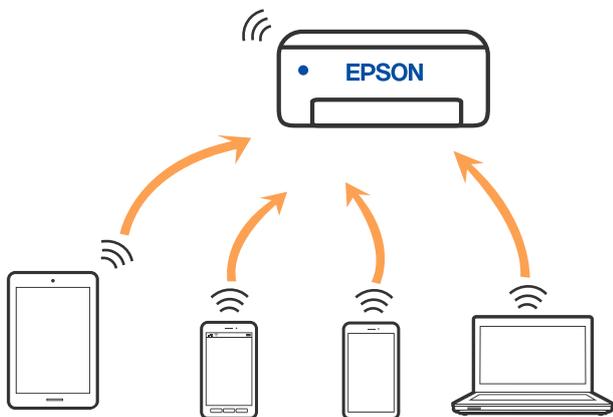
➔ [“Checking the Network Connection Status” on page 146](#)

Connecting a Smart Device and Printer Directly (Wi-Fi Direct)

Wi-Fi Direct (Simple AP) allows you to connect a smart device directly to the printer without a wireless router and print from the smart device.

About Wi-Fi Direct

Use this connection method when you are not using Wi-Fi at home or at the office, or when you want to connect the printer and the computer or smart device directly. In this mode, the printer acts as an wireless router and you can connect the devices to the printer without having to use a standard wireless router. However, devices directly connected to the printer cannot communicate with each other through the printer.



The printer can be connected by Wi-Fi or Ethernet, and Wi-Fi Direct (Simple AP) connection simultaneously. However, if you start a network connection in Wi-Fi Direct (Simple AP) connection when the printer is connected by Wi-Fi, the Wi-Fi is temporarily disconnected.

Connecting to Devices using Wi-Fi Direct

This method allows you to connect the printer directly to smart devices without a wireless router.

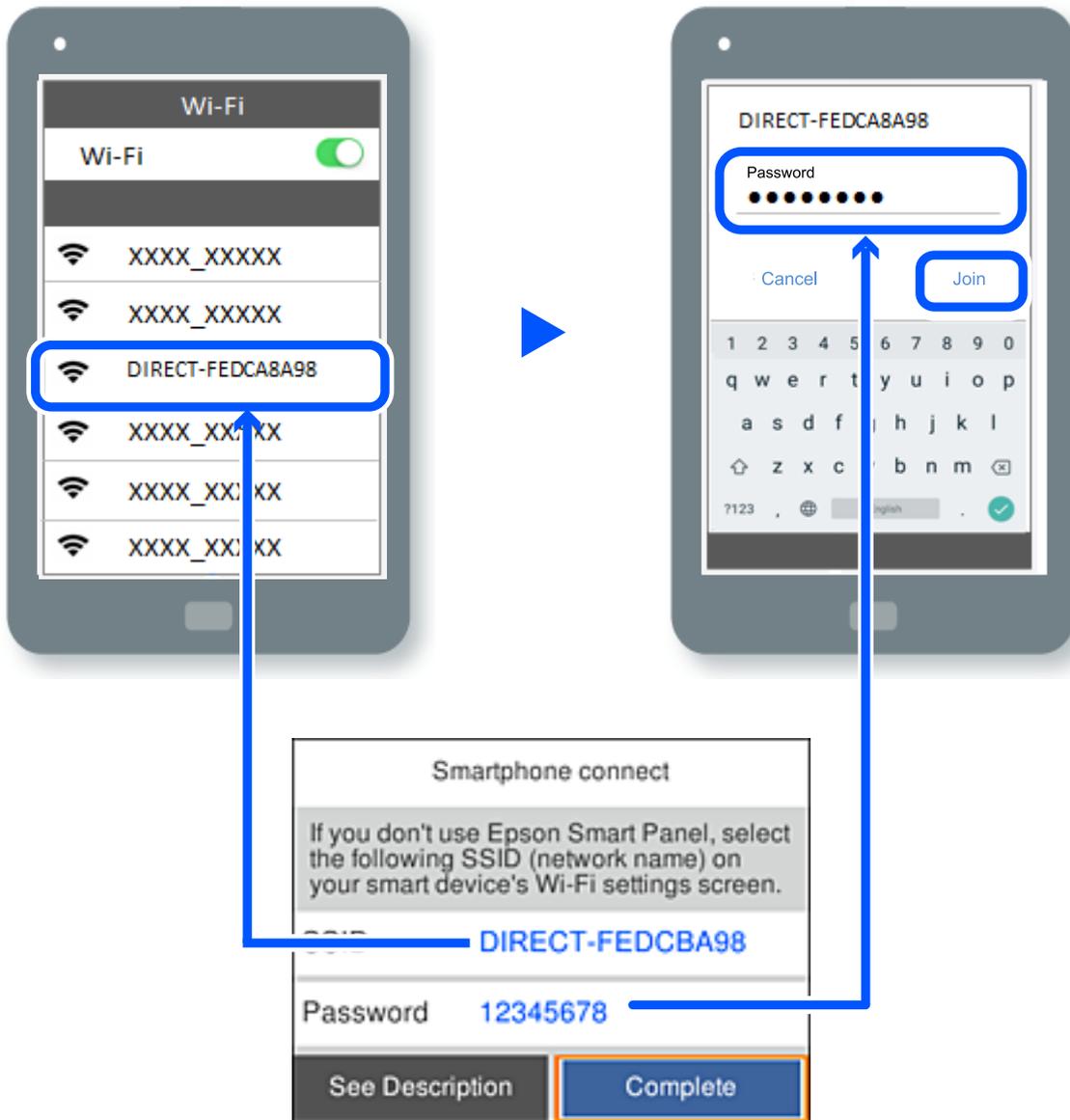
Note:

For iOS or Android users, it is convenient to set up from Epson Smart Panel.

You only need to make these settings for the printer and the smart device that you want to connect to once. Unless you disable Wi-Fi Direct or restore the network settings to their defaults, you do not need to make these settings again.

1. Select **Wi-Fi** on the home screen.
To select an item, use the ▲ ▼ ◀▶ buttons, and then press the OK button.
2. Select **Wi-Fi Direct**.
3. Check the message, and then press the OK button to proceed.
4. Check the message, and then press the OK button to proceed.
5. Press the ◀.
6. Select **Other OS Devices**.
7. Scroll the screen with the ▼ button, and check the connection information for Wi-Fi Direct.

8. On the smart device's Wi-Fi screen, select the SSID shown on the printer's control panel, and then enter the password.



9. On the printer's control panel, press the OK button.
 10. On the printing app screen for the smart device, select the printer that you want to connect to.
- For smart devices that have been connected to the printer before, select the network name (SSID) on the smart device's Wi-Fi screen to connect them again.

Note:

If you are using an iOS device, you can also connect by scanning the QR code with the standard iOS camera. See the link below <https://epson.sn>.

Disconnecting Wi-Fi Direct (Simple AP) Connection

Note:

When Wi-Fi Direct (Simple AP) connection is disabled, all computers and smart devices connected to the printer in Wi-Fi Direct (Simple AP) connection are disconnected. If you want to disconnect a specific device, disconnect from the device instead of the printer.

1. Select  on the printer's home screen.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.

2. Select **Wi-Fi Direct**.

The Wi-Fi Direct information is displayed.

3. Select **Start Setup**.

4. Select .

5. Select **Disable Wi-Fi Direct**.

6. Follow the on-screen instructions.

Related Information

➔ [“Changing the Wi-Fi Direct \(Simple AP\) Settings Such as the SSID” on page 145](#)

Changing the Wi-Fi Direct (Simple AP) Settings Such as the SSID

When Wi-Fi Direct (simple AP) connection is enabled, you can change the settings from  > **Wi-Fi Direct** > **Start Setup** > , and then the following menu items are displayed.

Change Network Name

Change the Wi-Fi Direct (simple AP) network name (SSID) used for connecting to the printer to your arbitrary name. You can set the network name (SSID) in ASCII characters that is displayed on the software keyboard on the control panel. You can enter up to 22 characters.

When changing the network name (SSID), all connected devices are disconnected. Use the new network name (SSID) if you want to re-connect the device.

Change Password

Change the Wi-Fi Direct (simple AP) password for connecting to the printer to your arbitrary value. You can set the password in ASCII characters that is displayed on the software keyboard on the control panel. You can enter 8 to 22 characters.

When changing the password, all connected devices are disconnected. Use the new password if you want to re-connect the device.

Disable Wi-Fi Direct

Disable Wi-Fi Direct (simple AP) settings of the printer. When disabling it, all devices connected to the printer in Wi-Fi Direct (Simple AP) connection are disconnected.

Restore Default Settings

Restore all Wi-Fi Direct (simple AP) settings to their defaults.

The Wi-Fi Direct (simple AP) connection information of the smart device saved to the printer is deleted.

Checking the Network Connection Status

You can check the network connection status in the following way.

Related Information

- ➔ [“Checking the Network Connection Status from the Control Panel” on page 146](#)
- ➔ [“Printing a Network Connection Report” on page 147](#)

Checking the Network Connection Status from the Control Panel

You can check the network connection status using the network icon or the network information on the printer's control panel.

Checking the Network Connection Status using the Network Icon

You can check the network connection status and strength of the radio wave using the network icon on the printer's home screen.



Related Information

- ➔ [“Guide to the Network Icon” on page 22](#)

Displaying Detailed Network Information on the Control Panel

When your printer is connected to the network, you can also view other network-related information by selecting the network menus you want to check.

1. Select **Settings** on the home screen.

2. Select **General Settings** > **Network Settings** > **Network Status**.
3. To check the information, select the menus that you want to check.
 - Wired LAN/Wi-Fi Status**
Displays the network information (device name, connection, signal strength, and so on) for Ethernet or Wi-Fi connections.
 - Wi-Fi Direct Status**
Displays whether Wi-Fi Direct is enabled or disabled, and the SSID, password and so on for Wi-Fi Direct connections.
 - Print Status Sheet**
Prints a network status sheet. The information for Ethernet, Wi-Fi, Wi-Fi Direct, and so on is printed on two or more pages.

Printing a Network Connection Report

You can print a network connection report to check the status between the printer and the wireless router.

1. Select **Settings** on the home screen.
To select an item, use the ▲ ▼ ◀▶ buttons, and then press the OK button.
2. Select **General Settings** > **Network Settings** > **Connection Check**.
The connection check starts.
3. Select **Print Check Report**.
4. Print the network connection report.
If an error has occurred, check the network connection report, and then follow the printed solutions.

Related Information

➔ [“Messages and Solutions on the Network Connection Report” on page 148](#)

Messages and Solutions on the Network Connection Report

Check the messages and error codes on the network connection report, and then follow the solutions.

Check Network Connection

Check Result FAIL

Error code (E-2)

See the Network Status and check if the Network Name (SSID) is the SSID you want to connect.
If the SSID is correct, make sure to enter the correct password and try again.

If your problems persist,
see your documentation for help and networking tips.

Checked Items

Wireless Network Name (SSID) Check	FAIL
Communication Mode Check	Unchecked
Security Mode Check	Unchecked
MAC Address Filtering Check	Unchecked
Security Key/Password Check	Unchecked
IP Address Check	Unchecked
Detailed IP Setup Check	Unchecked

Network Status

Printer Name	EPSON XXXXXX
Printer Model	XX-XXX Series
IP Address	169.254.137.8
Subnet Mask	255.255.0.0
Default Gateway	
Network Name (SSID)	EpsonNet
Security	None
Signal Strength	Poor
MAC Address	F8:D0:27:40:C0:AC

a. Error code

b. Messages on the Network Environment

Related Information

- ➔ [“E-1” on page 149](#)
- ➔ [“E-2, E-3, E-7” on page 149](#)
- ➔ [“E-5” on page 150](#)
- ➔ [“E-6” on page 150](#)
- ➔ [“E-8” on page 150](#)
- ➔ [“E-9” on page 151](#)
- ➔ [“E-10” on page 151](#)
- ➔ [“E-11” on page 151](#)
- ➔ [“E-12” on page 152](#)
- ➔ [“E-13” on page 152](#)
- ➔ [“Message on the Network Environment” on page 153](#)

E-1

Solutions:

- Make sure the Ethernet cable is securely connected to your printer and to your hub or other network device.
- Make sure your hub or other network device is turned on.
- If you want to connect the printer by Wi-Fi, make Wi-Fi settings for the printer again because it is disabled.

E-2, E-3, E-7

Solutions:

- Make sure your wireless router is turned on.
- Confirm that your computer or device is connected correctly to the wireless router.
- Turn off the wireless router. Wait for about 10 seconds, and then turn it on.
- Place the printer closer to your wireless router and remove any obstacles between them.
- If you have entered the SSID manually, check if it is correct. Check the SSID from the **Network Status** part on the network connection report.
- If an wireless router has multiple SSIDs, select the SSID that is displayed. When the SSID is using a non-compliant frequency, the printer does not display them.
- If you are using push button setup to establish a network connection, make sure your wireless router supports WPS. You cannot use push button setup if your wireless router does not support WPS.
- Makes sure your SSID uses only ASCII characters (alphanumeric characters and symbols). The printer cannot display an SSID that contains non-ASCII characters.
- Makes sure you know your SSID and password before connecting to the wireless router. If you are using a wireless router with its default settings, the SSID and password are located on a label on the wireless router. If you do not know your SSID and password, contact the person who set up the wireless router, or see the documentation provided with the wireless router.
- If you are connecting to an SSID generated from a tethering smart device, check for the SSID and password in the documentation provided with the smart device.
- If your Wi-Fi connection suddenly disconnects, check for the conditions below. If any of these conditions are applicable, reset your network settings by downloading and running the software from the following website.
<https://epson.sn> > **Setup**
 - Another smart device was added to the network using push button setup.
 - The Wi-Fi network was set up using any method other than push button setup.

Related Information

- ➔ [“Making Settings for Connecting to the Computer” on page 138](#)
- ➔ [“Making Wi-Fi Settings from the Control Panel” on page 140](#)

E-5

Solutions:

Make sure the wireless router's security type is set to one of the following. If it is not, change the security type on the wireless router, and then reset the printer's network settings.

- WEP-64 bit (40 bit)
- WEP-128 bit (104 bit)
- WPA PSK (TKIP/AES)*
- WPA2 PSK (TKIP/AES)*
- WPA (TKIP/AES)
- WPA2 (TKIP/AES)
- WPA3-SAE (AES)

* WPA PSK is also known as WPA Personal. WPA2 PSK is also known as WPA2 Personal.

E-6

Solutions:

- Check if MAC address filtering is disabled. If it is enabled, register the printer's MAC address so that it is not filtered. See the documentation provided with the wireless router for details. You can check the printer's MAC address from the **Network Status** part on the network connection report.
- If your wireless router is using shared authentication with WEP security, make sure the authentication key and index are correct.
- If the number of connectable devices on the wireless router is less than the number of network devices that you want to connect, make settings on the wireless router to increase the number of connectable devices. See the documentation provided with the wireless router to make settings.

Related Information

➔ [“Making Settings for Connecting to the Computer” on page 138](#)

E-8

Solutions:

- Enable DHCP on the wireless router if the printer's Obtain IP Address setting is set to Auto.
- If the printer's Obtain IP Address setting is set to Manual, the IP address you manually set is invalid due to out of range (for example: 0.0.0.0). Set a valid IP address from the printer's control panel.

Related Information

➔ [“Network Settings” on page 171](#)

E-9

Solutions:

Check the following.

- Devices are turned on.
- You can access the Internet and other computers or network devices on the same network from the devices you want to connect to the printer.

If still does not connect your printer and network devices after confirming the above, turn off the wireless router. Wait for about 10 seconds, and then turn it on. Then reset your network settings by downloading and running the installer from the following website.

<https://epson.sn> > Setup

Related Information

➔ “Making Settings for Connecting to the Computer” on page 138

E-10

Solutions:

Check the following.

- Other devices on the network are turned on.
- Network addresses (IP address, subnet mask, and default gateway) are correct if you have set the printer's Obtain IP Address to Manual.

Reset the network address if they are incorrect. You can check the IP address, subnet mask, and default gateway from the **Network Status** part on the network connection report.

If DHCP is enabled, change the printer's Obtain IP Address setting to Auto. If you want to set the IP address manually, check the printer's IP address from the **Network Status** part on the network connection report, and then select Manual on the network settings screen. Set the subnet mask to [255.255.255.0].

If still does not connect your printer and network devices, turn off the wireless router. Wait for about 10 seconds, and then turn it on.

Related Information

➔ “Network Settings” on page 171

E-11

Solutions:

Check the following.

- The default gateway address is correct if you set the printer's TCP/IP Setup setting to Manual.
- The device that is set as the default gateway is turned on.

Set the correct default gateway address. You can check the default gateway address from the **Network Status** part on the network connection report.

Related Information

➔ [“Network Settings” on page 171](#)

E-12

Solutions:

Check the following.

- Other devices on the network are turned on.
- The network addresses (IP address, subnet mask, and default gateway) are correct if you are entering them manually.
- The network addresses for other devices (subnet mask and default gateway) are the same.
- The IP address does not conflict with other devices.

If still does not connect your printer and network devices after confirming the above, try the following.

- Turn off the wireless router. Wait for about 10 seconds, and then turn it on.
- Make network settings again using the installer. You can run it from the following website.
<https://epson.sn> > **Setup**
- You can register several passwords on a wireless router that uses WEP security type. If several passwords are registered, check if the first registered password is set on the printer.

Related Information

➔ [“Network Settings” on page 171](#)

➔ [“Making Settings for Connecting to the Computer” on page 138](#)

E-13

Solutions:

Check the following.

- Network devices such as a wireless router, hub, and router are turned on.
- The TCP/IP Setup for network devices has not been set up manually. (If the printer's TCP/IP Setup is set automatically while the TCP/IP Setup for other network devices is performed manually, the printer's network may differ from the network for other devices.)

If it still does not work after checking the above, try the following.

- Turn off the wireless router. Wait for about 10 seconds, and then turn it on.
- Make network settings on the computer that is on the same network as the printer using the installer. You can run it from the following website.
<https://epson.sn> > **Setup**
- You can register several passwords on a wireless router that uses the WEP security type. If several passwords are registered, check if the first registered password is set on the printer.

Related Information

- ➔ “Network Settings” on page 171
- ➔ “Making Settings for Connecting to the Computer” on page 138

Message on the Network Environment

Message	Solution
The Wi-Fi environment needs to be improved. Turn the wireless router off and then turn it on. If the connection does not improve, see the documentation for the wireless router.	After moving the printer closer to the wireless router and removing any obstacles between them, turn off the wireless router. Wait for about 10 seconds, and then turn it on. If it still does not connect, see the documentation supplied with the wireless router.
*No more devices can be connected. Disconnect one of the connected devices if you want to add another one.	Computer and smart devices that can be connected simultaneously are connected in full in the Wi-Fi Direct (Simple AP) connection. To add another computer or smart device, disconnect one of the connected devices or connect it to the other network first. You can confirm the number of wireless devices which can be connected simultaneously and the number of connected devices by checking the network status sheet or the printer’s control panel.
The same SSID as Wi-Fi Direct exists in the environment. Change the Wi-Fi Direct SSID if you cannot connect a smart device to the printer.	On the printer’s control panel, go to Wi-Fi Direct Setup screen and select the menu to change the setting. You can change the network name following after DIRECT-XX-. Enter within 22 characters.

Printing a Network Status Sheet

You can check the detailed network information by printing it.

1. Select **Settings** on the home screen.
To select an item, use the ▲ ▼ ◀▶ buttons, and then press the OK button.
2. Select **General Settings** > **Network Settings** > **Network Status**.
3. Select **Print Status Sheet**.
4. Check the message, and then print the network status sheet.

Checking the Network of the Computer (Windows only)

By using the command prompt, check the connection status of the computer and the connection path to the printer. This will lead you to solve the problems.

ipconfig command

Display the connection status of the network interface that is currently used by the computer.

By comparing the setting information with actual communication, you can check whether the connection is correct. In case there are multiple DHCP servers on the same network, you can find out the actual address assigned to the computer, the referred DNS server, etc.

Format : ipconfig /all

Examples :

```

Administrator: Command Prompt
c:\>ipconfig /all
Windows IP Configuration

Host Name . . . . . : WIN2012R2
Primary Dns Suffix . . . . . : pubs.net
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : pubs.net

Ethernet adapter Ethernet:

Connection-specific DNS Suffix . . . : 
Description . . . . . : Gigabit Network Connection
Physical Address. . . . . : XX-XX-XX-XX-XX-XX
DHCP Enabled. . . . . : No
Autoconfiguration Enabled . . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::38fb:7546:18a8:d20e%14(Preferred)
IPv4 Address. . . . . : 192.168.111.10(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.111.1
DHCPv6 IAID . . . . . : 283142549
DHCPv6 Client DUID. . . . . : 00-01-00-01-20-40-2F-45-00-1D-73-6A-44-08
DNS Servers . . . . . : 192.168.111.2
NetBIOS over Tcpip. . . . . : Enabled

Tunnel adapter isatap.{00000000-ABCD-EFGH-IJK-LMNOPQRSTUUV}>:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . . : 
Description . . . . . : Microsoft ISATAP Adapter #2
Physical Address. . . . . : 00-00-00-00-00-00-E0
DHCP Enabled. . . . . : No
Autoconfiguration Enabled . . . . . : Yes

c:\>_
    
```

pathping command

You can confirm the list of routers passing through the destination host and the routing of communication.

Format : pathping xxx.xxx.xxx.xxx

Examples : pathping 192.0.2.222

```

Administrator: Command Prompt
c:\>pathping 192.168.111.20
Tracing route to EPSONAB12AB [192.168.111.20]
over a maximum of 30 hops:
 0  WIN2012R2.pubs.net [192.168.111.10]
 1  EPSONAB12AB [192.168.111.20]

Computing statistics for 25 seconds..
Hop  RTT      Source to Here   This Node/Link   Address
 0      0/ 100 = 0%      0/ 100 = 0%      WIN2012R2.pubs.net [192.168.111.10]
 1  38ms      0/ 100 = 0%      0/ 100 = 0%      EPSONAB12AB [192.168.111.20]

Trace complete.

c:\>_
    
```

Product Information

Paper Information.	156
Consumable Products Information.	159
Software Information.	160
Settings Menu List.	168
Product Specifications.	176
Regulatory Information.	183

Paper Information

Available Paper and Capacities

Genuine Epson Paper

Epson recommends using genuine Epson paper to ensure high-quality printouts.

Note:

- The availability of paper varies by location. For the latest information on paper available in your area, contact Epson support.
- See the following for information on available paper types for borderless and 2-sided printing.
 - [“Paper for Borderless Printing” on page 158](#)
 - [“Paper for 2-Sided Printing” on page 158](#)

Paper suitable for printing documents

Media Name	Size	Loading Capacity (Sheets)
Epson Business Paper	A4	250
Epson Bright White Ink Jet Paper	A4	250

Paper suitable for printing documents and photos

Media Name	Size	Loading Capacity (Sheets)
Epson Photo Quality Ink Jet Paper	A4	100
Epson Matte Paper-Heavyweight	A4, 20x25 cm (8x 10 in.)	50
Epson Double-Sided Matte Paper	A4	50

Paper suitable for printing photos

Media Name	Size	Loading Capacity (Sheets)
Epson Ultra Glossy Photo Paper	A4, 13x18 cm (5x7 in.), 10x15 cm (4x6 in.), 20x25 cm (8x10 in.)	50
Epson Premium Glossy Photo Paper	A4, 13x18 cm (5x7 in.), 10x15 cm (4x6 in.), 20x25 cm (8x10 in.), 16:9 wide (4x7.11 in.)	50
Epson Premium Semigloss Photo Paper	A4, 13x18 cm (5x7in.), 10x15 cm(4x6 in.)	50
Epson Photo Paper Glossy	A4, 13x18 cm (5x7in.), 10x15 cm(4x6 in.)	50

Related Information

➔ [“Precautions for Photo Paper” on page 29](#)

Commercially Available Paper

Note:

See the following for information on available paper types for borderless and 2-sided printing.

[“Paper for Borderless Printing” on page 158](#)

[“Paper for 2-Sided Printing” on page 158](#)

Plain papers

Media Name	Size	Loading Capacity (Sheets)
Plain paper, Copy paper Preprinted paper* ¹ Letterhead Color paper	Legal, Letter, 8.5×13 in., A4, Executive, B5, A5, A6, B6, 16K (195×270 mm), Indian-Legal, SP1 (210×270 mm), SP2 (210×149 mm), SP3 (100×170mm), SP4 (130×182 mm), SP5 (192×132 mm)	250
Recycled paper High quality plain paper	User Defined(mm) 89 to 215.9×127 to 355.6	250
	User Defined(mm) 89 to 215.9×355.7 to 1200	1

*1 Paper on which various forms are pre-printed such as slips or securities.

Thick papers

Media Name	Size	Loading Capacity (Sheets)
Thick paper	Legal, Letter, 8.5×13 in., A4, Executive, B5, A5, A6, B6, 16K (195×270 mm), Indian-Legal, SP1 (210×270 mm), SP2 (210×149 mm), SP3 (100×170mm), SP4 (130×182 mm), SP5 (192×132 mm)	50
	User Defined(mm) 89 to 215.9×127 to 355.6	50
	User Defined(mm) 89 to 215.9×355.7 to 1200	1

Envelope

Media Name	Size	Loading Capacity (Envelopes)
Envelope	Envelope #10, Envelope DL, Envelope C6	10

Paper for Borderless Printing

Genuine Epson Paper

- Epson Business Paper*
- Epson Bright White Ink Jet Paper*
- Epson Photo Quality Ink Jet Paper*
- Epson Matte Paper-Heavyweight
- Epson Double-Sided Matte Paper
- Epson Ultra Glossy Photo Paper
- Epson Premium Glossy Photo Paper
- Epson Premium Semigloss Photo Paper
- Epson Photo Paper Glossy

* These may scuff the print head causing printouts to be smeared.

Related Information

➔ [“Available Paper and Capacities” on page 156](#)

Commercially Available Paper

- Plain paper, Copy paper, Preprinted paper, Letterhead, Color paper, Recycled paper, High quality plain paper (Letter, A4)*
- Thick paper (Letter, A4)*

* These may scuff the print head causing printouts to be smeared.

Related Information

➔ [“Available Paper and Capacities” on page 156](#)

Paper for 2-Sided Printing

Genuine Epson Paper

- Epson Business Paper

- Epson Bright White Ink Jet Paper

Related Information

- ➔ [“Available Paper and Capacities” on page 156](#)

Commercially Available Paper

- Plain paper, Copy paper, Preprinted paper, Letterhead, Color paper, Recycled paper, High quality plain paper*
- Thick paper*

* A5, A6, B6, Indian-Legal, 8.5 x 13 in, Legal, SP2, SP3, SP4, SP5 size paper is not supported for automatic 2-sided printing. For automatic 2-sided printing with User Defined paper sizes, you can use 182 to 215.9 x 257 to 297 mm paper sizes.

Related Information

- ➔ [“Available Paper and Capacities” on page 156](#)

Unavailable Paper Types

Do not use the following papers. Using these types of paper causes paper jams and smears on the printout.

- Papers that are wavy
- Papers that are torn or cut
- Papers that are folded
- Papers that are damp
- Papers that are too thick or too thin
- Papers that have stickers

Do not use the following envelopes. Using these types of envelope causes paper jams and smears on the printout.

- Envelopes that are curled or folded
- Envelopes with adhesive surfaces on the flaps or window envelopes
- Envelopes that are too thin
They may curl during printing.

Consumable Products Information

Ink Cartridge Codes

The following are the codes for genuine Epson ink cartridges.

Note:

- Ink cartridge codes may vary by location. For the correct codes in your area, contact Epson support.
- Not all cartridges are available in all regions.
- Although the ink cartridges may contain recycled materials, this does not affect printer function or performance.
- Specifications and appearance of the ink cartridge are subject to change without prior notice for improvement.

Icon	BK: Black	C: Cyan	M: Magenta	Y: Yellow
Spectacles 	408 408L*	408 408L*	408 408L*	408 408L*

* "L" indicates a large cartridge.

Note:

For users in Europe, visit the following website for information on Epson's ink cartridge yields.

<http://www.epson.eu/pageyield>

Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed.

Maintenance Box Code

Epson recommends the use of a genuine Epson maintenance box.

Maintenance box code: T6715



Important:

Once a maintenance box has been installed in a printer it cannot be used with other printers.

Software Information

This section introduces the network services and software products available for your printer from the Epson website.

Software for Printing

Application for Printing from a Computer (Windows Printer Driver)

The printer driver controls the printer according to the commands from an application. Making settings on the printer driver provides the best printing results. You can also check the status of the printer or keep it in top operating condition using the printer driver utility.

Note:

You can change the language of the printer driver. Select the language you want to use from the **Language** setting on the **Maintenance** tab.

Accessing the printer driver from applications

To make settings that apply only to the application you are using, access from that application.

Select **Print** or **Print Setup** from the **File** menu. Select your printer, and then click **Preferences** or **Properties**.

Note:

Operations differ depending on the application. See the application's help for details.

Accessing the printer driver from the control panel

To make settings that apply to all of the applications, access from the control panel.

Windows 11

Click on the start button, and then select **All apps > Windows Tools > Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**.

Windows 10/Windows Server 2022/Windows Server 2019/Windows Server 2016

Click on the start button, and then select **Windows System > Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**.

Windows 8.1/Windows 8/Windows Server 2012 R2/Windows Server 2012

Select **Desktop > Settings > Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer, or press and hold it and then select **Printing preferences**.

Windows 7/Windows Server 2008 R2

Click the start button, and select **Control Panel > View devices and printers in Hardware and Sound**. Right-click on your printer and select **Printing preferences**.

Windows Vista/Windows Server 2008

Click the start button, and select **Control Panel > Printers in Hardware and Sound**. Right-click on your printer and select **Printing preferences**.

Windows XP/Windows Server 2003 R2/Windows Server 2003

Click the start button, and select **Control Panel > Printers and Other Hardware > Printers and Faxes**. Right-click on your printer and select **Printing preferences**.

Accessing the printer driver from the printer icon on the task bar

The printer icon on the desktop task bar is a shortcut icon allowing you to quickly access the printer driver.

If you click the printer icon and select **Printer Settings**, you can access the same printer settings window as the one displayed from the control panel. If you double-click this icon, you can check the status of the printer.

Note:

If the printer icon is not displayed on the task bar, access the printer driver window, click **Monitoring Preferences** on the **Maintenance** tab, and then select **Register the shortcut icon to the taskbar**.

Starting the utility

Access the printer driver window. Click the **Maintenance** tab.

Related Information

➔ [“Menu Options for the Printer Driver” on page 37](#)

Application for Printing from a Computer (Mac OS Printer Driver)

The printer driver controls the printer according to the commands from an application. Making settings on the printer driver provides the best printing results. You can also check the status of the printer or keep it in top operating condition using the printer driver utility.

Accessing the printer driver from applications

Click **Page Setup** or **Print** on the **File** menu of your application. If necessary, click **Show Details** (or ▼) to expand the print window.

Note:

Depending on the application being used, **Page Setup** may not be displayed in the **File** menu, and the operations for displaying the print screen may differ. See the application's help for details.

Starting the utility

Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer. Click **Options & Supplies** > **Utility** > **Open Printer Utility**.

Related Information

➔ [“Menu Options for the Printer Driver” on page 60](#)

Guide to Mac OS Printer Driver

Epson Printer Utility

You can run a maintenance feature such as nozzle check and print head cleaning, and by starting **EPSON Status Monitor**, you can check printer status and error information.



Application for Quick and Fun Printing from a Computer (Epson Photo+)

Epson Photo+ is an application that allows you to easily print images with a variety of layouts. You can use a variety of templates and perform image correction and adjust the position while viewing a preview of your document. You can also brighten up your images by adding text and stamps wherever you like. When printing on genuine Epson photo paper, the ink performance is maximized creating a beautiful finish with excellent coloring.

It also comes with the following features. See the application's help for details. You can download the latest applications from the Epson website.

<http://www.epson.com>

- Printing disc labels (supported models only)
- Printing created QR codes
- Printing photos showing the shooting date and time

Note:

- Windows Server operating systems are not supported.*
- To use this application the printer driver for this printer must be installed.*

Starting on Windows

- Windows 11
Click the start button, and then select **All apps > Epson Software > Epson Photo+**.
- Windows 10
Click the start button, and then select **Epson Software > Epson Photo+**.

Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

Windows 7

Click the start button, and select **All Programs** or **Programs** > **Epson Software** > **Epson Photo+**.

Starting on Mac OS

Select **Go** > **Applications** > **Epson Software** > **Epson Photo+**.

Related Information

➔ [“Installing the Applications Separately” on page 82](#)

Application for Easily Operating the Printer from a Smart device (Epson Smart Panel)

Epson Smart Panel is an application that allows you to perform printer operations easily including printing from a smart device such as a smartphone or tablet. You can connect the printer and smart device over a wireless network, check the ink levels and printer status, and check for solutions if an error occurs.

Search for and install Epson Smart Panel from App Store or Google Play.



Application for Printing Easily from an Android Application (Epson Print Enabler)

Epson Print Enabler is an application that allows you to wirelessly print your documents, emails, photos, and web pages right from your Android phone or tablet (Android v4.4 or later). With a few taps, your Android device will discover an Epson printer that is connected to the same wireless network.

Search for and install Epson Print Enabler from Google Play.

Software for Package Creation

Application for Creating Driver Packages (EpsonNet SetupManager)

EpsonNet SetupManager is a software to create a package for a simple printer installation, such as installing the printer driver, installing EPSON Status Monitor and creating a printer port. This software allows the administrator to create unique software packages and distribute them among groups.

For more information, visit your regional Epson website.

<http://www.epson.com>

Software for Making Settings or Managing Devices

Application for Configuring Printer Operations (Web Config)

Web Config is an application that runs in a web browser, such as Microsoft Edge and Safari, on a computer or smart device. You can confirm the printer status or change the network service and printer settings. To use the Web Config, connect the printer and the computer or device to the same network.

The following browsers are supported. Use the latest version.

Microsoft Edge, Internet Explorer, Firefox, Chrome, Safari

Note:

You may be asked to enter the administrator password while operating Web Config. See the related information below for more details.

Related Information

➔ [“Default Value of the Administrator Password” on page 14](#)

Running Web Config on a Web Browser

1. Check the printer's IP address.

Select the network icon on the printer's home screen, and then select the active connection method to confirm the printer's IP address.

To select an item, use the ▲ ▼ ◀ ▶ buttons, and then press the OK button.

Note:

You can also check the IP address by printing the network connection report.

2. Launch a Web browser from a computer or smart device, and then enter the printer's IP address.

Format:

IPv4: http://the printer's IP address/

IPv6: http://[the printer's IP address]/

Examples:

IPv4: http://192.168.100.201/

IPv6: http://[2001:db8::1000:1]/

Note:

Using the smart device, you can also run Web Config from the product information screen of the Epson Smart Panel.

Since the printer uses a self-signed certificate when accessing HTTPS, a warning is displayed on the browser when you start Web Config; this does not indicate a problem and can be safely ignored.

Related Information

➔ [“Application for Easily Operating the Printer from a Smart device \(Epson Smart Panel\)” on page 164](#)

➔ [“Printing a Network Connection Report” on page 147](#)

➔ [“Cannot Access Web Config” on page 199](#)

Running Web Config on Windows

When connecting a computer to the printer using WSD, follow the steps below to run Web Config.

1. Open the printer list on the computer.
 - Windows 11
Click on the start button, and then select **All apps > Windows Tools > Control Panel > View devices and printers in Hardware and Sound.**
 - Windows 10
Click on the start button, and then select **Windows System > Control Panel > View devices and printers in Hardware and Sound.**
 - Windows 8.1/Windows 8
Select **Desktop > Settings > Control Panel > View devices and printers in Hardware and Sound (or Hardware).**
 - Windows 7
Click the start button, and select **Control Panel > View devices and printers in Hardware and Sound.**
 - Windows Vista
Click the start button, and select **Control Panel > Printers in Hardware and Sound.**
2. Right-click on your printer and select **Properties**.
3. Select the **Web Service** tab and click the URL.
Since the printer uses a self-signed certificate when accessing HTTPS, a warning is displayed on the browser when you start Web Config; this does not indicate a problem and can be safely ignored.

Related Information

➔ [“Cannot Access Web Config” on page 199](#)

Running Web Config on Mac OS

1. Select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then select the printer.
2. Click **Options & Supplies > Show Printer Webpage**.
Since the printer uses a self-signed certificate when accessing HTTPS, a warning is displayed on the browser when you start Web Config; this does not indicate a problem and can be safely ignored.

Related Information

➔ [“Cannot Access Web Config” on page 199](#)

Application for Setting up the Device on a Network (EpsonNet Config)

EpsonNet Config is an application that allows you to set the network interface addresses and protocols. See the operations guide for EpsonNet Config or the application's help for more details.

Starting on Windows

- Windows 11
Click the start button, and then select **All apps > EpsonNet > EpsonNet Config**.
- Windows 10/Windows Server 2022/Windows Server 2019/Windows Server 2016
Click the start button, and then select **EpsonNet > EpsonNet Config**.
- Windows 8.1/Windows 8/Windows Server 2012 R2/Windows Server 2012
Enter the application name in the search charm, and then select the displayed icon.
- Windows 7/Windows Vista/Windows XP/Windows Server 2008 R2/Windows Server 2008/Windows Server 2003 R2/Windows Server 2003
Click the start button, and select **All Programs** or **Programs > EpsonNet > EpsonNet Config SE > EpsonNet Config**.

Starting on Mac OS

Go > **Applications > Epson Software > EpsonNet > EpsonNet Config SE > EpsonNet Config**.

Related Information

➔ [“Installing the Applications Separately” on page 82](#)

Software for Managing Devices on the Network (Epson Device Admin)

Epson Device Admin is a multifunctional application software that manages the device on the network.

The following functions are available.

- Monitor or manage up to 2,000 printers over the segment
- Make a detailed report, such as for the consumable or product status
- Update the firmware of the product
- Introduce the device to the network
- Apply the unified settings to multiple devices.

You can download Epson Device Admin from Epson support website. For more information, see the documentation or help of Epson Device Admin.

Software for Updating

Application for Updating Software and Firmware (Epson Software Updater)

Epson Software Updater is an application that installs new software, and updates firmware over the Internet. If you want to check for update information regularly, you can set the interval for checking for updates in Epson Software Updater's Auto Update Settings.

Note:

Windows Server operating systems are not supported.

Starting on Windows

Windows 11

Click the start button, and then select **All apps > EPSON Software > Epson Software Updater**.

Windows 10

Click the start button, and then select **EPSON Software > Epson Software Updater**.

Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

Windows 7/Windows Vista/Windows XP

Click the start button, and then select **All Programs (or Programs) > EPSON Software > Epson Software Updater**.

Note:

You can also start *Epson Software Updater* by clicking the printer icon on the task bar on the desktop, and then selecting *Software Update*.

Starting on Mac OS

Select **Go > Applications > Epson Software > Epson Software Updater**.

Related Information

➔ [“Installing the Applications Separately” on page 82](#)

Settings Menu List

Select **Settings** on the home screen of the printer to make various settings.

General Settings

Select the menus on the control panel as described below.

Settings > General Settings

Basic Settings

Select the menus on the control panel as described below.

Settings > General Settings > Basic Settings

LCD Brightness:

Adjust the brightness of the LCD screen.

Sleep Timer:

Adjust the time period to enter a sleep mode (energy saving mode) when the printer has not performed any operations. The LCD screen turns black when the setting time passes.

Power Off Timer:

Your product may have this feature or the **Power Off Settings** feature depending on the location of purchase.

Select this setting to turn the printer off automatically when it is not used for a specified period of time. You can adjust the time before power management is applied. Any increase will affect the product's energy efficiency. Please consider the environment before making any change.

Power Off Settings:

Your product may have this feature or the **Power Off Timer** feature depending on the location of purchase.

Power Off If Inactive:

Select this setting to turn the printer off automatically if it is not used for a specified period of time. Any increase will affect the product's energy efficiency. Please consider the environment before making any change.

Power Off If Disconnected:

Select this setting to turn the printer off after a specified period of time when all ports including the USB port are disconnected. This feature may not be available depending on your region.

See the following website for the specified period of time.

<https://www.epson.eu/energy-consumption>

Date/Time Settings:

Date/Time:

Enter the current date and time.

Daylight Saving Time:

Select the summer time setting that applies to your area.

Time Difference:

Enter the time difference between your local time and UTC (Coordinated Universal Time).

Language:

Select the language used on the LCD screen.

Operation Time Out:

Select **On** to return to the initial screen when no operations have been performed for the specified time.

Keyboard:

Change the layout of the keyboard on the LCD screen.

Related Information

➔ [“Saving Power” on page 81](#)

➔ [“Entering Characters” on page 25](#)

Printer Settings

Select the menus on the control panel as described below.

Settings > General Settings > Printer Settings

Paper Source Settings:

Paper Setting:

Select the paper size and paper type you loaded in the paper source. You can make **Favorite Paper Settings** in paper size and paper type.

A4/Letter Auto Switching:

Select **On** to feed paper from the paper source set as A4 size when there is no paper source set as Letter, or feed from the paper source set as Letter size when there is no paper source set as A4.

Error Notice:

Select **On** to display an error message when the selected paper size or type does not match the loaded paper.

Paper Setup Auto Display:

Select **On** to display the **Paper Setting** screen when loading paper in the paper source. If you disable this feature, you cannot print from an iPhone, iPad, or iPod touch using AirPrint.

Universal Print Settings:

These print settings are applied when you print by an external device without using the printer driver. The offset settings are applied when you print using the printer driver.

Top Offset:

Adjust the top margin of the paper.

Left Offset:

Adjust the left margin of the paper.

Top Offset in Back:

Adjust the top margin for the back of the page when performing 2-sided printing.

Left Offset in Back:

Adjust the left margin for the back of the page when performing 2-sided printing.

Check Paper Width:

Select **On** to check the paper width before printing. This prevents printing beyond the edges of the paper when the paper size setting is incorrect, but this may lower the print speed.

Skip Blank Page:

Skips blank pages in the print data automatically to save paper.

Auto Error Solver:

Select an action to perform when a 2-sided printing error or a memory full error occurs.

On:

Displays a warning and prints in single-sided mode when a 2-sided printing error occurs, or prints only what the printer could process when a memory full error occurs.

Off:

Displays an error message and cancels printing.

Thick Paper:

Select **On** to prevent ink from smearing on your printouts, however, this may lower the print speed.

Quiet Mode:

Select **On** to reduce noise during printing, however, this may lower the print speed. Depending on the paper type and print quality settings you selected, there may be no difference in the printer's noise level.

Ink Drying Time:

Select the ink drying time you want to use when performing 2-sided printing. The printer prints the other side after printing one side. If your printout is smeared, increase the time setting.

PC Connection via USB:

Select **Enable** to allow a computer to access the printer when connected by USB. When **Disable** is selected, printing that is not sent over a network connection is restricted.

Network Settings

Select the menus on the control panel as described below.

Settings > General Settings > Network Settings

Wi-Fi Setup:

Set up or change wireless network settings. Choose the connection method from following and then follow the instructions on the control panel.

Wi-Fi (Recommended):

Set up or change wireless network settings. Choose the connection method from following and then follow the instructions on the control panel.

Wi-Fi Setup Wizard:

Makes Wi-Fi settings by entering the SSID and password.

Push Button Setup (WPS):

Makes Wi-Fi settings by Push Button Setup (WPS).

Others:

PIN Code Setup (WPS):

Makes Wi-Fi settings by PIN Code Setup (WPS).

Wi-Fi Auto Connect:

Makes Wi-Fi settings by using the Wi-Fi information on the computer or smart device.

Disable Wi-Fi:

Disables Wi-Fi. Infrastructure connections will be disconnected.

Wi-Fi Direct:

Other Methods:

iOS:

Reads the QR code from your iPhone, iPad, or iPod touch to connect using Wi-Fi Direct.

Other OS Devices:

Makes Wi-Fi Direct settings by entering the SSID and password.

 (Menu) :

Change Network Name:

Changes the Wi-Fi Direct SSID (network name).

Change Password:

Changes the password for the Wi-Fi Direct connection.

Disable Wi-Fi Direct:

Disables the Wi-Fi Direct function.

Restore Default Settings:

Restores the Wi-Fi Direct settings.

Wired LAN Setup:

Set up or change a network connection that uses a LAN cable and router. When this is being used, Wi-Fi connections are disabled.

Network Status:

Wired LAN/Wi-Fi Status:

Displays the printer's network information.

Wi-Fi Direct Status:

Displays the Wi-Fi Direct setting information.

Print Status Sheet:

Prints a network status sheet.

The information for Ethernet, Wi-Fi, Wi-Fi Direct, and so on is printed on two or more pages.

Connection Check:

Checks the current network connection and prints a report. If there are any problems with the connection, see the report to solve the problem.

Advanced:

Device Name:

Changes the device name to any name within 2 to 15 characters.

TCP/IP:

Configures the IP settings, if the IP address is static.

For automatic configuration, use the IP address assigned by DHCP.

To set manually, switch to "Manual" and then enter the IP address you want to assign.

Proxy Server:

Set this if you are using a proxy server in your network environment and want to set it for the printer as well.

IPv6 Address:

Sets whether or not to enable IPv6 addressing.

Link Speed & Duplex:

Select an appropriate Ethernet speed and duplex setting. If you select a setting other than Auto, make sure the setting corresponds to the settings on the hub you are using.

Web Service Settings

Select the menus on the control panel as described below.

Settings > General Settings > Web Service Settings

Epson Connect Services:

Displays whether the printer is registered and connected to Epson Connect.

You can register to the service by selecting **Register** and follow the instructions.

For usage guides, see the following portal website.

<https://www.epsonconnect.com/>

<http://www.epsonconnect.eu> (Europe only)

When you have registered, you can change the following settings.

Suspend/Resume:

Select whether to suspend or resume Epson Connect services.

Unregister:

Unregisters the printer from Epson Connect services.

Supply Status

Select the menus on the control panel as described below.

Settings > Supply Status

Displays the approximate level of the ink and service life of the maintenance box.

When  is displayed, ink is running low or the maintenance box is nearly full. When  mark is displayed, you need to replace the item as ink is expended or the maintenance box is full.

You can replace ink cartridges or print supply status information from this screen.

Related Information

- ➔ [“Replacing Ink Cartridges” on page 120](#)
- ➔ [“Replacing a Maintenance Box” on page 124](#)

Maintenance

Select the menus on the control panel as described below.

Settings > Maintenance

Print Quality Adjustment:

Select this feature if there are any problems with your print outs. You can check for clogged nozzles and clean the print head if necessary, and then adjust some parameters to improve print quality.

Print Head Nozzle Check:

Select this feature to check if the print head nozzles are clogged. The printer prints a nozzle check pattern.

Print Head Cleaning:

Select this feature to clean clogged nozzles in the print head.

Print Head Alignment:

Ruled Line Alignment:

Select this feature if your printouts look blurry or text and lines are misaligned.

Horizontal Alignment:

Select this feature if horizontal banding appears at regular intervals in your printouts.

Ink Cartridge Replacement:

Use this feature to replace the ink cartridges before the ink is expended.

Paper Guide Cleaning:

Select this feature if there are ink stains on the internal rollers. The printer feeds paper to clean the internal rollers.

Remove Paper:

Select this feature if there are still some torn pieces of paper inside the printer even after removing jammed paper. The printer makes more space between the print head and the surface of the paper to easily remove the torn pieces of paper.

Related Information

- ➔ [“Checking and Cleaning the Print Head” on page 76](#)
- ➔ [“Replacing Ink Cartridges” on page 120](#)
- ➔ [“Aligning the Print Head” on page 77](#)

Print Status Sheet

Select the menus on the control panel as described below.

Settings > Print Status Sheet

Configuration Status Sheet:

Print information sheets showing the current printer status and settings.

Supply Status Sheet:

Print information sheets showing the status of consumables.

Usage History Sheet:

Print information sheets showing the usage history of the printer.

Print Counter

Select the menus on the control panel as described below.

Settings > Print Counter

Displays the total number of prints, B&W prints, and color prints including items such as the status sheet from the time you purchased the printer.

Select **Print Sheet** when you want to print the result. The information included in the printed sheet is the same when you print from other functions on the **Usage History Sheet**.

Customer Research

Select the menus on the control panel as described below.

Settings > Customer Research

Provides product usage information, such as the number of prints, to Seiko Epson Corporation. Select **Settings - Approve**, and then follow the on-screen instructions.

Restore Default Settings

Select the menus on the control panel as described below.

Settings > Restore Default Settings

Network Settings:

Resets the network settings to the default.

All Except Network Settings:

Resets all settings except for network settings to their defaults.

All Settings:

Resets all settings to the default.

Firmware Update

Select the menus on the control panel as described below.

Settings > Firmware Update

Update:

Check if the latest version of the firmware has been uploaded to the network server. If an update is available, you can select whether or not to start updating.

Notification:

Select **On** to receive a notification if a firmware update is available.

Product Specifications

Printer Specifications

Print Head Nozzle Placement		Black ink nozzles: 800 Color ink nozzles: 256 for each color
Weight of Paper*	Plain Paper	64 to 90 g/m ²
	Thick Paper	91 to 256 g/m ²
	Envelopes	75 to 100 g/m ²

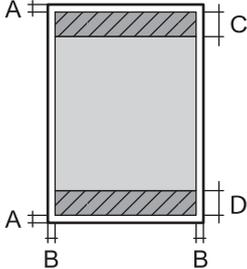
* Even when the paper thickness is within this range, the paper may not feed in the printer or the print quality may decline depending on the paper properties or quality.

Printable Area

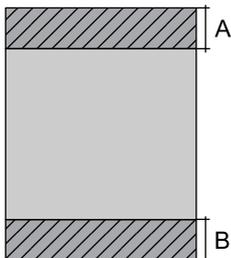
Printable Area for Single Sheets

Print quality may decline in the shaded areas due to the printer's mechanism.

Printing with borders

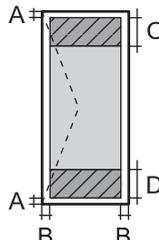
	A	3.0 mm (0.12 in.)
	B	3.0 mm (0.12 in.)
	C	47.0 mm (1.85 in.)
	D	45.0 mm (1.77 in.)

Borderless printing

	A	50.0 mm (1.97 in.)
	B	48.0 mm (1.89 in.)

Printable Area for Envelopes

Print quality may decline in the shaded areas due to the printer's mechanism.

	A	3.0 mm (0.12 in.)
	B	3.0 mm (0.12 in.)
	C	18.0 mm (0.71 in.)
	D	47.0 mm (1.85 in.)

Using Port for the Printer

The printer uses the following port. These ports should be allowed to become available by the network administrator as necessary.

Sender (Client)	Use	Destination (Server)	Protocol	Port Number
Printer	When Epson Connect is used	Epson Connect Server	HTTPS	443
			XMPP	5222
	Control WSD	Client computer	WSD (TCP)	5357
Client computer	Discover the printer from an application such as EpsonNet Config and printer driver.	Printer	ENPC (UDP)	3289
	Collect and set up the MIB information from an application such as EpsonNet Config and printer driver.	Printer	SNMP (UDP)	161
	Forwarding LPR data	Printer	LPR (TCP)	515
	Forwarding RAW data	Printer	RAW (Port9100) (TCP)	9100
	Forwarding AirPrint (IPP/IPPS printing) data	Printer	IPP/IPPS (TCP)	631
	Searching WSD printer	Printer	WS-Discovery (UDP)	3702
	Web Config		Printer	HTTP (TCP)
HTTPS (TCP)				443

Interface Specifications

For Computer	Hi-Speed USB*
--------------	---------------

* USB 3.0 cables are not supported.

Network Specifications

Wi-Fi Specifications

Standards	IEEE802.11b/g/n* ¹
Frequency Range	2.4 GHz
Coordination Modes	Infrastructure, Wi-Fi Direct (Simple AP)* ^{2*3}
Wireless Securities* ⁴	WEP (64/128bit), WPA2-PSK (AES)* ⁵ , WPA3-SAE (AES)

*1 IEEE802.11n is only available for the HT20.

*2 Not supported for IEEE 802.11b.

*3 Simple AP mode is compatible with a Wi-Fi connection (infrastructure) or an Ethernet connection.

*4 Wi-Fi Direct supports WPA2-PSK (AES) only.

*5 Complies with WPA2 standards with support for WPA/WPA2 Personal.

Ethernet Specifications

Standards	IEEE802.3i (10BASE-T)* ¹ IEEE802.3u (100BASE-TX) IEEE802.3az (Energy Efficient Ethernet)* ²
Communication Mode	Auto, 10Mbps Full duplex, 10Mbps Half duplex, 100Mbps Full duplex, 100Mbps Half duplex
Connector	RJ-45

*1 Use a category 5e or higher STP (Shielded twisted pair) cable to prevent risk of radio interference.

*2 The connected device should comply with IEEE802.3az standards.

Network Functions and IPv4/IPv6

Functions		Supported	Remarks	
Network Printing	EpsonNet Print (Windows)	IPv4	✓	-
	Standard TCP/IP (Windows)	IPv4, IPv6	✓	-
	WSD Printing (Windows)	IPv4, IPv6	✓	Windows Vista or later
	Bonjour Printing (Mac OS)	IPv4, IPv6	✓	-
	IPP Printing (Windows, Mac OS)	IPv4, IPv6	✓	-
	PictBridge Printing (Wi-Fi)	IPv4	-	Digital camera
	Epson Connect (Email Print, Remote Print)	IPv4	✓	-
	AirPrint (iOS, Mac OS)	IPv4, IPv6	✓	iOS 5 or later, Mac OS X v10.7 or later
Network Scanning	Epson Scan 2	IPv4, IPv6	-	-
	Epson ScanSmart	IPv4	-	-
	Event Manager	IPv4	-	-
	Epson Connect (Scan to Cloud)	IPv4	-	-
	AirPrint (Scan)	IPv4, IPv6	-	-

Functions			Supported	Remarks
Fax	Send a fax	IPv4	-	-
	Receive a fax	IPv4	-	-
	AirPrint (Faxout)	IPv4, IPv6	-	-

Security Protocol

SSL/TLS	HTTPS Server/Client, IPPS
SNMPv3	

Supported Third Party Services

Services		Supported	Remarks
AirPrint	Print	✓	iOS 5 or later/Mac OS X v10.7.x or later*
	Scan	-	-
	Fax	-	-

* We recommend using the latest version of iOS or Mac OS.

Dimensions

Dimensions	<p>Storage</p> <ul style="list-style-type: none"> <input type="checkbox"/> Width: 425 mm (16.7 in.) <input type="checkbox"/> Depth: 378 mm (14.9 in.) <input type="checkbox"/> Height: 164 mm (6.5 in.) <p>Printing</p> <ul style="list-style-type: none"> <input type="checkbox"/> Width: 425 mm (16.7 in.) <input type="checkbox"/> Depth: 493 mm (19.4 in.) <input type="checkbox"/> Height: 164 mm (6.5 in.)
Weight*	Approx. 5.8 kg (12.8 lb)

* Without the ink cartridges and the power cord.

Electrical Specifications

Power Supply Rating	AC 100-240 V
---------------------	--------------

Rated Frequency Range	50-60 Hz
Rated Current	0.5-0.3 A
Power Consumption (with USB Connection)	Printing: Approx. 23.0 W (ISO/IEC24712) Ready mode: Approx. 4.8 W Sleep mode: Approx. 0.9 W Power off: Approx. 0.2 W

Note:

- ❑ Check the label on the printer for its voltage.
- ❑ For European users, see the following Website for details on power consumption.
<http://www.epson.eu/energy-consumption>

Environmental Specifications

Operation	<p>Use the printer within the range shown in the following graph.</p> <p>Temperature: 10 to 35°C (50 to 95°F) Humidity: 20 to 80% RH (without condensation)</p>
Storage	<p>Temperature after initial ink charging: -15 to 40°C (5 to 104°F)* Temperature before initial ink charging: -20 to 40°C (-4 to 104°F)* Humidity: 5 to 85% RH (without condensation)</p>

* You can store for one month at 40°C (104°F).

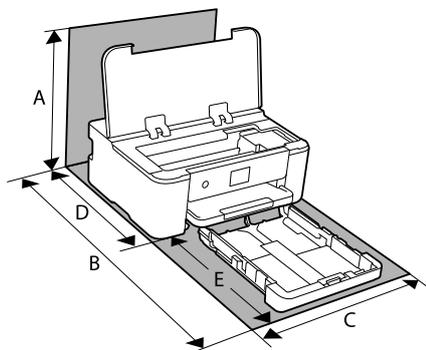
Environmental Specifications for Ink Cartridges

Storage Temperature	-30 to 40 °C (-22 to 104 °F)*
Freezing Temperature	-16 °C (3.2 °F) Ink thaws and is usable after approximately 3 hours at 25 °C (77 °F).

* You can store for one month at 40 °C (104 °F).

Installation Location and Space

Secure enough place to install and operate the printer correctly.



A	373.3 mm
B	630.2 mm
C	425.0 mm
D	327.2 mm
E	303.0 mm

See "Safety Instructions" in this manual to confirm the environmental conditions.

Related Information

➔ [“Advisories and Warnings for Setting Up the Printer” on page 13](#)

System Requirements

Windows

Windows Vista, Windows 7, Windows 8/8.1, Windows 10, Windows 11 or later

Windows XP SP3 (32-bit)

Windows XP Professional x64 Edition SP2

Windows Server 2003 (SP2) or later

Mac OS

Mac OS X 10.9.5 or later, macOS 11 or later

Note:

Mac OS may not support some applications and features.

The UNIX File System (UFS) for Mac OS is not supported.

Regulatory Information

Standards and Approvals

Standards and Approvals for U.S. Model

Safety	UL62368-1 CAN/CSA-C22.2 No.62368-1
EMC	FCC Part 15 Subpart B Class B CAN ICES-3 (B)/NMB-3 (B)

This equipment contains the following wireless module.

Manufacturer: Seiko Epson Corporation

Type: J26H005

This product conforms to Part 15 of the FCC Rules and RSS-210 of the IC Rules. Epson cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated so that the radiator is kept at least 7.9 inches (20 cm) or more away from a person's body (excluding extremities: hands, wrists, feet and ankles).

Standards and Approvals for European Model

For European users

Hereby, Seiko Epson Corporation declares that the following radio equipment model is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following website.

<http://www.epson.eu/conformity>

B722B

For use only in Ireland, UK, Austria, Germany, Liechtenstein, Switzerland, France, Belgium, Luxemburg, Netherlands, Italy, Portugal, Spain, Denmark, Finland, Norway, Sweden, Iceland, Croatia, Cyprus, Greece, Slovenia, Malta, Bulgaria, Czech, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, and Slovakia.

Epson cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the products.



Restrictions on Copying

Observe the following restrictions to ensure the responsible and legal use of the printer.

Copying of the following items is prohibited by law:

- Bank bills, coins, government-issued marketable securities, government bond securities, and municipal securities
- Unused postage stamps, pre-stamped postcards, and other official postal items bearing valid postage
- Government-issued revenue stamps, and securities issued according to legal procedure

Exercise caution when copying the following items:

- Private marketable securities (stock certificates, negotiable notes, checks, etc.), monthly passes, concession tickets, etc.
- Passports, driver's licenses, warrants of fitness, road passes, food stamps, tickets, etc.

Note:

Copying these items may also be prohibited by law.

Responsible use of copyrighted materials:

Printers can be misused by improperly copying copyrighted materials. Unless acting on the advice of a knowledgeable attorney, be responsible and respectful by obtaining the permission of the copyright holder before copying published material.

Administrator Information

Connecting the Printer to the Network.	186
Settings to Use the Printer.	190
Managing the Printer.	200
Advanced Security Settings.	203

Connecting the Printer to the Network

You can connect the printer to the network in several ways.

- Connect by using advanced settings on the control panel.
- Connect by using the installer on the website or on the software disc.

This section explains the procedure to connect the printer to the network using the printer's control panel.

Before Making Network Connection

To connect to the network, check the connection method and setting information for connection in advance.

Gathering Information on the Connection Setting

Prepare the necessary setting information to connect. Check the following information in advance.

Divisions	Items	Note
Device connection method	<input type="checkbox"/> Ethernet <input type="checkbox"/> Wi-Fi	Decide how to connect the printer to the network. For Wired LAN, connects to the LAN switch. For Wi-Fi, connects to the network (SSID) of the access point.
LAN connection information	<input type="checkbox"/> IP address <input type="checkbox"/> Subnet mask <input type="checkbox"/> Default gateway	Decide the IP address to assign to the printer. When you assign the IP address statically, all values are required. When you assign the IP address dynamically using the DHCP function, this information is not required because it is set automatically.
Wi-Fi connection information	<input type="checkbox"/> SSID <input type="checkbox"/> Password	These are the SSID (network name) and the password of the access point that the printer connects to. If MAC address filtering has been set, register the MAC address of the printer in advance to register the printer. See the following for the supported standards. "Wi-Fi Specifications" on page 178
DNS server information	<input type="checkbox"/> IP address for primary DNS <input type="checkbox"/> IP address for secondary DNS	These are required when specifying DNS servers. The secondary DNS is set when the system has a redundant configuration and there is a secondary DNS server. If you are in a small organization and do not set the DNS server, set the IP address of the router.
Proxy server information	<input type="checkbox"/> Proxy server name	Set this when your network environment uses the proxy server to access the internet from the intranet, and you use the function that the printer directly accesses to the internet. For the following functions, the printer directly connects to the internet . <ul style="list-style-type: none"> <input type="checkbox"/> Epson Connect Services <input type="checkbox"/> Cloud services of other companies <input type="checkbox"/> Firmware updating

Divisions	Items	Note
Port number information	<input type="checkbox"/> Port number to release	<p>Check the port number used by the printer and computer, then release the port that is blocked by a firewall, if necessary.</p> <p>See the following for the port number used by the printer.</p> <p>“Using Port for the Printer” on page 177</p>

IP Address Assignment

These are the following types of IP address assignment.

Static IP address:

Assign the predetermined IP address to the printer (host) manually.

The information to connect to the network (subnet mask, default gateway, DNS server and so on) need to be set manually.

The IP address does not change even when the device is turned off, so this is useful when you want to manage devices with an environment where you cannot change the IP address or you want to manage devices using the IP address. We recommend settings to the printer, server, etc. that many computers access.

Automatic assignment by using DHCP function (dynamic IP address):

Assign the IP address automatically to the printer (host) by using the DHCP function of the DHCP server or router.

The information to connect to the network (subnet mask, default gateway, DNS server and so on) is set automatically, so you can easily connect the device to the network.

If the device or the router is turned off, or depending on the DHCP server settings, IP address may change when re-connecting.

We recommend managing devices other than the IP address and communicating with protocols that can follow the IP address.

Note:

When you use the IP address reservation function of the DHCP, you can assign the same IP address to the devices at any time.

DNS Server and Proxy Server

The DNS server has a host name, domain name of the email address, etc. in association with the IP address information.

Communication is impossible if the other party is described by host name, domain name, etc. when the computer or the printer performs IP communication.

Queries the DNS server for that information and gets the IP address of the other party. This process is called name resolution.

Therefore, the devices such as computers and printers can communicate using the IP address.

Name resolution is necessary for the printer to communicate using the email function or Internet connection function.

When you use those functions, make the DNS server settings.

When you assign the printer's IP address by using the DHCP function of the DHCP server or router, it is automatically set.

The proxy server is placed at the gateway between the network and the Internet, and it communicates to the computer, printer, and Internet (opposite server) on behalf of each of them. The opposite server communicates only to the proxy server. Therefore, printer information such as the IP address and port number cannot be read and increased security is expected.

When you connect to the Internet via a proxy server, configure the proxy server on the printer.

Connecting to the Network from the Control Panel

Connect the printer to the network by using the printer's control panel.

Assigning the IP Address

Set up the basic items such as Host Address, Subnet Mask, Default Gateway.

This section explains the procedure for setting a static IP address.

1. Turn on the printer.
2. Select **Settings** on the home screen on the printer's control panel.
3. Select **General Settings** > **Network Settings** > **Advanced** > **TCP/IP**.
4. Select **Manual** for **Obtain IP Address**.

When you set the IP address automatically by using the DHCP function of router, select **Auto**. In that case, the **IP Address**, **Subnet Mask**, and **Default Gateway** on step 5 to 6 are also set automatically, so go to step 7.

5. Enter the IP address.

Focus moves to the forward segment or the back segment separated by a period if you select ◀ and ▶.

Confirm the value reflected on the previous screen.

6. Set up the **Subnet Mask** and **Default Gateway**.

Confirm the value reflected on the previous screen.



Important:

If the combination of the IP Address, Subnet Mask and Default Gateway is incorrect, **Start Setup** is inactive and cannot proceed with the settings. Confirm that there is no error in the entry.

7. Enter the IP address for the primary DNS server.

Confirm the value reflected on the previous screen.

Note:

When you select **Auto** for the IP address assignment settings, you can select the DNS server settings from **Manual** or **Auto**. If you cannot obtain the DNS server address automatically, select **Manual** and enter the DNS server address. Then, enter the secondary DNS server address directly. If you select **Auto**, go to step 9.

8. Enter the IP address for the secondary DNS server.
Confirm the value reflected on the previous screen.
9. Select **Start Setup**.

Setting the Proxy Server

Set up the proxy server if both of the following are true.

- The proxy server is built for Internet connection.
- When using a function in which a printer directly connects to the Internet, such as Epson Connect service or another company's cloud services.

1. Select **Settings** on the home screen.
When making settings after IP address setting, the **Advanced** screen is displayed. Go to step 3.
2. Select **General Settings** > **Network Settings** > **Advanced**.
3. Select **Proxy Server**.
4. Select **Use** for **Proxy Server Settings**.
5. Enter the address for the proxy server by IPv4 or FQDN format.
Confirm the value reflected on the previous screen.
6. Enter the port number for the proxy server.
Confirm the value reflected on the previous screen.
7. Select **Start Setup**.

Connecting to LAN

Connect the printer to the network by Ethernet or Wi-Fi.

Connecting to Ethernet

Connect the printer to the network by using the Ethernet cable, and check the connection.

1. Connect the printer and hub (LAN switch) by Ethernet cable.
2. Select **Settings** on the home screen.
3. Select **General Settings** > **Network Settings** > **Connection Check**.
The connection diagnosis result is displayed. Confirm the connection is correct.

4. Select **Dismiss** to finish.

When you select **Print Check Report**, you can print the diagnosis result. Follow the on-screen instructions to print it.

Related Information

- ➔ [“Changing the Network Connection from Wi-Fi to Ethernet” on page 138](#)

Connecting to the Wireless LAN (Wi-Fi)

You can connect the printer to the wireless LAN (Wi-Fi) in several ways. Choose the connection method that matches the environment and conditions that you are using.

If you know the information for the wireless router such as SSID and password, you can make settings manually.

If the wireless router supports WPS, you can make settings by using push button setup.

After connecting the printer to the network, connect to the printer from the device that you want to use (computer, smart device, tablet, and so on.)

Related Information

- ➔ [“Making Wi-Fi Settings by Entering the SSID and Password” on page 140](#)
- ➔ [“Making Wi-Fi Settings by Push Button Setup \(WPS\)” on page 141](#)
- ➔ [“Making Wi-Fi Settings by PIN Code Setup \(WPS\)” on page 142](#)

Settings to Use the Printer

Using the Print Functions

Enable to use the print function through the network.

To use the printer on the network, you need to set the port for network connection on the computer as well as the printer's network connection.

Printer Connection Types

The following two methods are available for the printer's network connection.

- Peer to peer connection (direct printing)
- Server / client connection (printer sharing using the Windows server)

Peer to Peer Connection Settings

This is the connection to connect the printer on the network and the computer directly. Only a network-capable model can be connected.

Connection method:

Connect the printer to the network directly via hub or access point.

Printer driver:

Install the printer driver on each client computer.

When using EpsonNet SetupManager, you can provide the driver's package that includes the printer settings.

Features:

- The print job starts immediately because the print job is sent to the printer directly.
- You can print as long as the printer runs.

Server / Client Connection Settings

This is the connection that the server computer shares with the printer. To prohibit the connection without going through the server computer, you can enhance the security.

When using USB, the printer without the network function can be also shared.

Connection method:

Connect the printer to the network via LAN switch or access point.

You can also connect the printer to the server directly by USB cable.

Printer driver:

Install the printer driver on the Windows server depending on the OS of the client computers.

By accessing the Windows server and linking the printer, the printer driver is installed on the client computer and can be used.

Features:

- Manage the printer and the printer driver in batch.
- Depending on the server spec, it may take time to start the print job because all print jobs go through the print server.
- You cannot print when the Windows server is turned off.

Print Settings for Peer to Peer Connection

For peer to peer connection (direct printing), a printer and a client computer have a one-to-one relationship.

The printer driver must be installed on each client computer.

Print Settings for Server / Client Connection

Enable to print from the printer that is connected as the server / client connection.

For the server / client connection, set up the print server first, and then share the printer on the network.

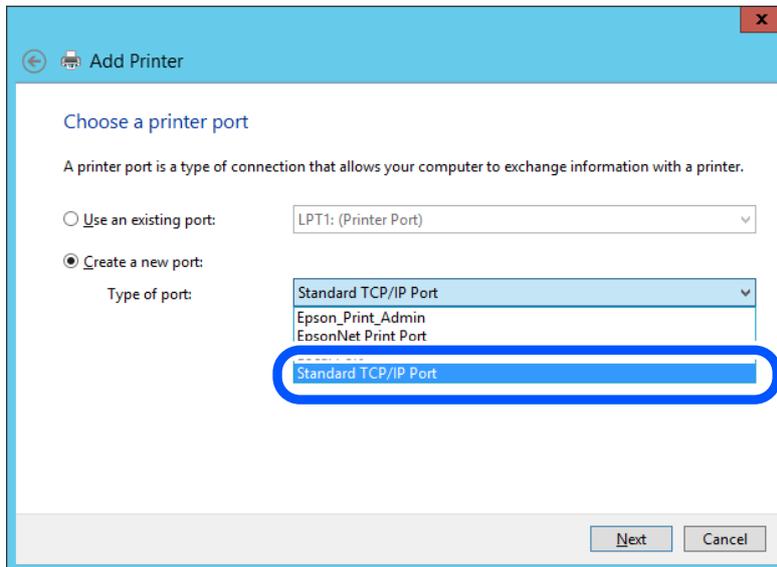
When using the USB cable to connect to the server, also set the print server first, and then share the printer on the network.

Setting Up the Network Ports

Create the print queue for network printing on the print server by using standard TCP/IP, and then set the network port.

This example is when using Windows 2012 R2.

1. Open the devices and printers screen.
Desktop > Settings > Control Panel > Hardware and Sound or Hardware > Devices and Printers.
2. Add a printer.
Click **Add printer**, and then select **The printer that I want isn't listed**.
3. Add a local printer.
Select **Add a local printer or network printer with manual settings**, and then click **Next**.
4. Select **Create a new port**, select **Standard TCP/IP Port** as the Port Type, and then click **Next**.



5. Enter the printer's IP address or printer name in **Host Name or IP Address** or **Printer Name or IP Address**, and then click **Next**.

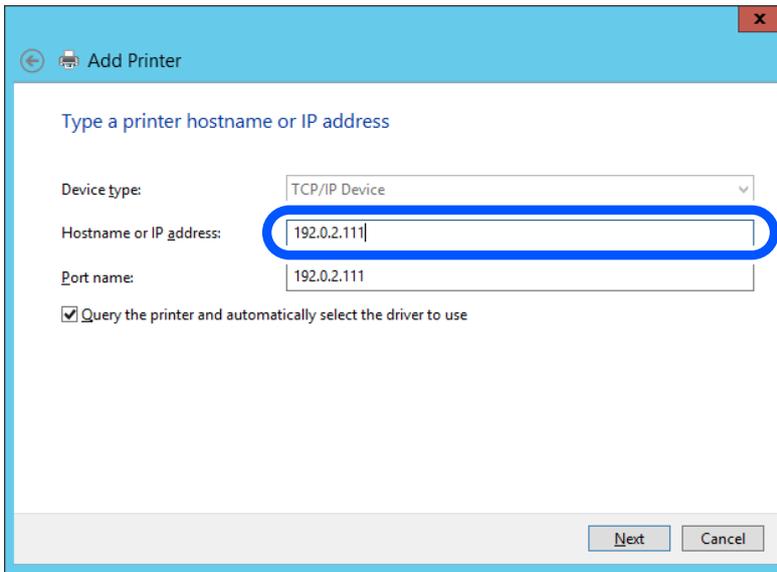
Example:

❑ Printer name : EPSONA1A2B3C

❑ IP address : 192.0.2.111

Do not change **Port name**.

Click **Continue** when the **User Account Control** screen is displayed.



Note:

If you specify the printer name on the network where the name resolution is available, the IP address is tracked even if printer's IP address has been changed by DHCP. You can confirm the printer name from the network status screen on the printer's control panel or network status sheet.

6. Set the printer driver.
 - If the printer driver is already installed:
Select **Manufacturer** and **Printers**. Click **Next**.

7. Follow the on-screen instructions.

When using the printer under the server / client connection (printer sharing using the Windows server), make the sharing settings hereafter.

Checking the Port Configuration - Windows

Check if the correct port is set for the print queue.

1. Open the devices and printers screen.
Desktop > Settings > Control Panel > Hardware and Sound or **Hardware > Devices and Printers**.
2. Open the printer properties screen.
Right-click the printer icon, and then click **Printer properties**.
3. Click the **Ports** tab, select **Standard TCP/IP Port**, and then click **Configure Port**.
4. Check the port configuration.
 - For RAW
Check that **Raw** is selected in **Protocol**, and then click **OK**.

For LPR

Check that **LPR** is selected in **Protocol**. Enter "PASSTHRU" in **Queue name** from **LPR Settings**. Select **LPR Byte Counting Enabled**, and then click **OK**.

Sharing the Printer (Windows only)

When using the printer under the server / client connection (printer sharing using the Windows server), set up the printer sharing from the print server.

1. Select **Control Panel > View devices and printers** on the print server.
2. Right-click the printer icon (print queue) that you want to share with, and then select **Printer Properties > Sharing** tab.
3. Select **Share this printer** and then enter to **Share name**.
For Windows Server 2012, click **Change Sharing Options** and then configure the settings.

Installing Additional Drivers (Windows only)

If the Windows versions for a server and clients are different, it is recommended to install additional drivers to the print server.

1. Select **Control Panel > View devices and printers** on the print server.
2. Right-click the printer icon that you want to share with the clients, and then click **Printer Properties > Sharing** tab.
3. Click **Additional Drivers**.
For Windows Server 2012, click **Change Sharing Options** and then configure the settings.
4. Select versions of Windows for clients, and then click **OK**.
5. Select the information file for the printer driver (*.inf) and then install the driver.

Using the Shared Printer – Windows

The administrator needs to inform the clients of the computer name assigned to the print server and how to add it to their computers. If the additional driver(s) have not been configured yet, inform the clients how to use **Devices and Printers** to add the shared printer.

If additional driver(s) have already been configured on the print server, follow these steps:

1. Select the name assigned to the print server in **Windows Explorer**.
2. Double-click the printer that you want to use.

Basic Settings for Printing

Set the print settings, such as paper size or printing error.

Setting the Paper Source

Set the size and type of paper to be loaded in each paper source.

1. Access Web Config and select the **Print** tab > **Paper Source Settings**.

2. Set each item.

The displayed items may vary by the situation.

- Paper source name

Display the target paper source name, such as **paper tray**, **Cassette 1**.

- Paper Size

Select the paper size you want to set from the pull-down menu.

- Unit

Select the unit of the user-defined size. You can select it when **User defined** is selected on **Paper Size**.

- Width

Set the horizontal length of the user-defined size.

The range you can enter here depends on the paper source, which is indicated on the side of **Width**.

When you select **mm** in **Unit**, you can enter up to one decimal place.

When you select **inch** in **Unit**, you can enter up to two decimal places.

- Height

Set the vertical length of the user-defined size.

The range you can enter here depends on the paper source, which is indicated on the side of **Height**.

When you select **mm** in **Unit**, you can enter up to one decimal place.

When you select **inch** in **Unit**, you can enter up to two decimal places.

- Paper Type

Select the paper type you want to set from the pull-down menu.

3. Check the settings, and then click **OK**.

Setting Errors

Set the displaying error for the device.

1. Access Web Config and select the **Print** tab > **Error Settings**.

2. Set each item.

- Paper Size Notice

Set whether to display an error on the control panel when the paper size of the specified paper source is different from the paper size of the print data.

- Paper Type Notice

Set whether to display an error on the control panel when the paper type of the specified paper source is different from the paper type of the print data.

Auto Error Solver

Set whether to automatically cancel the error if there is no operation on the control panel for 5 seconds after displaying the error.

3. Check the settings, and then click **OK**.

Setting Universal Print

Set when you print from external devices without using the printer driver.

Some items are not displayed depending on the printing language of your printer.

1. Access Web Config and select the **Print** tab > **Universal Print Settings**.
2. Set each item.
3. Check the settings, and then click **OK**.

Basic

Items	Explanation
Top Offset(-30.0-30.0mm)	Sets the vertical position of the paper on which printing starts.
Left Offset(-30.0-30.0mm)	Sets the horizontal position of the paper on which printing starts.
Top Offset in Back(-30.0-30.0mm)	Sets the vertical position of the paper on which the printing of the back side of the paper starts in duplex printing.
Left Offset in Back(-30.0-30.0mm)	Sets the horizontal position of the paper on which the printing of the back side of the paper starts in duplex printing.
Check Paper Width	Set whether to check paper width when printing.
Skip Blank Page	If there is a blank page in the print data, set not to print a blank page.

Setting Up AirPrint

Set when using AirPrint printing.

Access Web Config and select the **Network** tab > **AirPrint Setup**.

Items	Explanation
Bonjour Service Name	Enter the Bonjour service name between 1 and 41 characters in ASCII (0x20-0x7E).
Bonjour Location	Enter location information such as the printer's placement within 127 bytes or less in Unicode (UTF-8).

Items	Explanation
Geolocation Latitude and Longitude (WGS84)	Enter the printer's location information. This entry is optional. Enter values by using WGS-84 datum, which separates latitude and longitude with a comma. You can enter -90 to +90 for the latitude value, and -180 to +180 for the longitude value. You can enter less than a decimal to the sixth place, and you can omit "+".
Top Priority Protocol	Select top priority protocol from IPP and Port9100.
Wide-Area Bonjour	Set whether or not to use Wide-Area Bonjour. If you use it, the printers must be registered on the DNS server to be able to search the printer over the segment.
Require PIN Code when using IPP printing	Select whether or not to require a PIN code when using IPP printing. If you select Yes , IPP print jobs without PIN codes are not saved in the printer.
Enable AirPrint	IPP, Bonjour, AirPrint are enabled, and IPP is established only with secure communication.

Making Basic Operation Settings for the Printer

Setting the Control Panel

Setup for the printer's control panel. You can set up as follows.

1. Access Web Config and select the **Device Management** tab > **Control Panel**.
2. Set up the following items as necessary.
 - Language
Select the displayed language on the control panel.
 - Operation Timeout
If you select **ON**, you go to the initial screen if there is no activity for a certain period of time.
You can set between 10 seconds and 240 minutes by the second.

Note:

You can also set up from the printer's control panel.

- Language : **Settings** > **General Settings** > **Basic Settings** > **Language**
 - Operation Timeout : **Settings** > **General Settings** > **Basic Settings** > **Operation Time Out** (You can specify On or Off.)
3. Click **OK**.

Power Saving Settings During Inactivity

You can set up the time to shift to the power saving mode or to turn the power off when the printer's control panel is not operated for a certain period of time. Set the time depending on your usage environment.

1. Access Web Config and select the **Device Management** tab > **Power Saving**.

2. Set up the following items as necessary.

Sleep Timer

Enter the time to switch power saving mode when inactivity occurs.

Note:

You can also set up from the printer's control panel.

Settings > General Settings > Basic Settings > Sleep Timer

Power Off Timer or Power Off If Inactive

Select a time to automatically turn off the printer after it has been inactive for a specific time.

Note:

You can also set up from the printer's control panel.

Settings > General Settings > Basic Settings > Power Off Timer or Power Off Settings

Power Off If Disconnected

Select this setting to turn the printer off after a specified period of time when all ports including the USB port are disconnected. This feature may not be available depending on your region.

See the following website for the specified period of time.

<https://www.epson.eu/energy-consumption>

Note:

You can also set up from the printer's control panel.

Settings > General Settings > Basic Settings > Power Off Settings > Power Off If Disconnected

3. Click **OK**.

Synchronizing the Date and Time with Time Server

When synchronizing with the time server (NTP server), you can synchronize the time of the printer and the computer on the network. The time server may be operated within the organization or published on the Internet.

When using the CA certificate or Kerberos authentication, time-related trouble can be prevented by synchronizing with the time server.

1. Access Web Config and select the **Device Management** tab > **Date and Time** > **Time Server**.

2. Select **Use** for **Use Time Server**.

3. Enter the time server address for **Time Server Address**.

You can use IPv4, IPv6 or FQDN format. Enter 252 characters or less. If you do not specify this, leave it blank.

4. Enter **Update Interval (min)**.

You can set up to 10,080 minutes by the minute.

5. Click **OK**.

Note:

*You can confirm the connection status with the time server on **Time Server Status**.*

Problems when Making Settings

Hints to Solving Problems

Checking the error message

When trouble has occurred, first check whether there are any messages on the printer's control panel or driver screen. If you have the notification email set when the events occur, you can promptly learn the status.

Network connection report

Diagnose the network and the printer status, and then print the result.

You can find the diagnosed error from the printer side.

Checking the communication status

Check the communication status of server computer or client computer by using the command such as ping and ipconfig.

Connection test

For checking the connection between the printer to the mail server, perform the connection test from the printer. Also, check the connection from the client computer to the server to check the communication status.

Initializing the settings

If the settings and communication status show no problem, the problems may be solved by disabling or initializing the network settings of the printer, and then setting up again.

Cannot Access Web Config

The IP address is not assigned to the printer.

A valid IP address may not be assigned to the printer. Configure the IP address using the printer's control panel. You can confirm the current setting information with a network status sheet or from the printer's control panel.

Web browser does not support the Encryption Strength for SSL/TLS.

SSL/TLS has the Encryption Strength. You can open Web Config by using a web browser that supports bulk encryptions as indicated below. Check you are using the a supported browser.

80bit: AES256/AES128/3DES

112bit: AES256/AES128/3DES

128bit: AES256/AES128

192bit: AES256

256bit: AES256

The TLS version is not supported

You need to communicate using TLS version 1.2 or later.

Version 1.0 or 1.1 of TLS is initially disabled.

If you want to communicate with TLS Version 1.0 or 1.1, first access Web Config from a device that can communicate with TLS Version 1.2 or later, and then enable TLS Version 1.0 or 1.1.

CA-signed Certificate is expired.

If there is a problem with the expiration date of the certificate, "The certificate has expired" is displayed when connecting to Web Config with SSL/TLS communication (https). If the message appears before its expiration date, make sure that the printer's date is configured correctly.

The common name of the certificate and the printer do not match.

If the common name of the certificate and the printer do not match, the message "The name of the security certificate does not match..." is displayed when accessing Web Config using SSL/TLS communication (https). This happens because the following IP addresses do not match.

- The printer's IP address entered to common name for creating a Self-signed Certificate or CSR
- IP address entered to web browser when running Web Config

For Self-signed Certificate, update the certificate.

For CA-signed Certificate, take the certificate again for the printer.

The proxy server setting of local address is not set to web browser.

When the printer is set to use a proxy server, configure the web browser not to connect to the local address via the proxy server.

- Windows:

Select **Control Panel > Network and Internet > Internet Options > Connections > LAN settings > Proxy server**, and then configure not to use the proxy server for LAN (local addresses).

- Mac OS:

Select **System Preferences > Network > Advanced > Proxies**, and then register the local address for **Bypass proxy settings for these Hosts & Domains**.

Example:

192.168.1.*: Local address 192.168.1.XXX, subnet mask 255.255.255.0

192.168.*.*: Local address 192.168.XXX.XXX, subnet mask 255.255.0.0

Managing the Printer

Administrator Settings

Configuring the Administrator Password from a Computer

You can set the administrator password using Web Config.

1. Access Web Config and select the **Product Security** tab > **Change Administrator Password**.
2. Enter a password to **New Password** and **Confirm New Password**. Enter the user name, if necessary.
If you want to change the password to new one, enter a current password.
3. Select **OK**.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Disabling the External Interface

You can disable the interface that is used to connect the device to the printer. Make the restriction settings to restrict printing other than via network.

Note:

You can also make the restriction settings on the printer's control panel.

❑ *PC Connection via USB : Settings > General Settings > Printer Settings > PC Connection via USB*

1. Access Web Config and select the **Product Security** tab > **External Interface**.
2. Select **Disable** on the functions you want to set.
Select **Enable** when you want to cancel controlling.
PC Connection via USB
You can restrict the usage of the USB connection from the computer. If you want to restrict it, select **Disable**.
3. Click **OK**.
4. Check that the disabled port cannot be used.
PC Connection via USB
If the driver was installed on the computer
Connect the printer to the computer using a USB cable, and then confirm that the printer does not print.
If the driver was not installed on the computer
Windows:
Open the device manager and keep it, connect the printer to the computer using a USB cable, and then confirm that the device manager's display contents stays unchanged.
Mac OS:
Connect the printer to the computer using a USB cable, and then confirm that the printer is not listed if you want to add the printer from **Printers & Scanners**.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Monitoring a Remote Printer

Checking Information for a Remote Printer

You can check the following information of the operating printer from **Status** by using Web Config.

❑ Product Status

Check the status, cloud service, product number, MAC address, etc.

Network Status

Check the information of the network connection status, IP address, DNS server, etc.

Usage Status

Check the first day of printings, printed pages, printing count for each language, etc.

Hardware Status

Check the status of each function of the printer.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Backing Up the Settings

You can export the setting value set from Web Config to the file. You can use it for backing up the setting values, replacing the printer, etc.

The exported file cannot be edited because it is exported as a binary file.

Export the settings

Export the setting for the printer.

1. Access Web Config, and then select the **Device Management** tab > **Export and Import Setting Value** > **Export**.

2. Select the settings that you want to export.

Select the settings you want to export. If you select the parent category, subcategories are also selected.

However, subcategories that cause errors by duplicating within the same network (such as IP addresses and so on) cannot be selected.

3. Enter a password to encrypt the exported file.

You need the password to import the file. Leave this blank if you do not want to encrypt the file.

4. Click **Export**.



Important:

*If you want to export the printer's network settings such as the device name and IPv6 address, select **Enable to select the individual settings of device** and select more items. Only use the selected values for the replacement printer.*

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Import the settings

Import the exported Web Config file to the printer.



Important:

When importing values that include individual information such as a printer name or IP address, make sure the same IP address does not exist on the same network.

1. Access Web Config, and then select the **Device Management** tab > **Export and Import Setting Value** > **Import**.
2. Select the exported file, and then enter the encrypted password.
3. Click **Next**.
4. Select the settings that you want to import, and then click **Next**.
5. Click **OK**.

The settings are applied to the printer.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Advanced Security Settings

This section explains advanced security features.

Security Settings and Prevention of Danger

When a printer is connected to a network, you can access it from a remote location. In addition, many people can share the printer, which is helpful in improving operational efficiency and convenience. However, risks such as illegal access, illegal use, and tampering with data are increased. If you use the printer in an environment where you can access the Internet, the risks are even higher.

For printers that do not have access protection from the outside, it will be possible to read the print job logs that are stored in the printer from the Internet.

In order to avoid this risk, Epson printers have a variety of security technologies.

Set the printer as necessary according to the environmental conditions that have been built with the customer's environment information.

Name	Feature type	What to set	What to prevent
Control of protocol	Controls the protocols and services to be used for communication between printers and computers, and it enables and disables features.	A protocol or service that is applied to features allowed or prohibited separately.	Reducing security risks that may occur through unintended use by preventing users from using unnecessary functions.

Name	Feature type	What to set	What to prevent
SSL/TLS communications	The communication content is encrypted with SSL/TLS communications when accessing to the Epson server on the Internet from the printer, such as communicating to the computer via web browser, using Epson Connect, and updating firmware.	Obtain a CA-signed certificate, and then import it to the printer.	Clearing an identification of the printer by the CA-signed certification prevents impersonation and unauthorized access. In addition, communication contents of SSL/TLS are protected, and it prevents the leakage of contents for printing data and setup information.

Related Information

- ➔ [“Controlling Using Protocols” on page 204](#)
- ➔ [“SSL/TLS Communication with the Printer” on page 213](#)

Controlling Using Protocols

You can print using a variety of pathways and protocols.

You can lower unintended security risks by restricting printing from specific pathways or by controlling the available functions.

Controlling protocols

Configure the protocol settings.

1. Access Web Config and then select the **Network Security** tab > **Protocol**.
2. Configure each item.
3. Click **Next**.
4. Click **OK**.

The settings are applied to the printer.

Related Information

- ➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)
- ➔ [“Protocols you can Enable or Disable” on page 205](#)
- ➔ [“Protocol Setting Items” on page 205](#)

Protocols you can Enable or Disable

Protocol	Description
Bonjour Settings	You can specify whether to use Bonjour. Bonjour is used to search for devices, print, and so on.
SLP Settings	You can enable or disable the SLP function. SLP is used for push scanning and network searching in EpsonNet Config.
WSD Settings	You can enable or disable the WSD function. When this is enabled, you can add WSD devices, and print from the WSD port.
LLTD Settings	You can enable or disable the LLTD function. When this is enabled, it is displayed on the Windows network map.
LLMNR Settings	You can enable or disable the LLMNR function. When this is enabled, you can use name resolution without NetBIOS even if you cannot use DNS.
LPR Settings	You can specify whether or not to allow LPR printing. When this is enabled, you can print from the LPR port.
RAW(Port9100) Settings	You can specify whether or not to allow printing from the RAW port (Port 9100). When this is enabled, you can print from the RAW port (Port 9100).
IPP Settings	You can specify whether or not to allow printing from IPP. When this is enabled, you can print over the Internet.
SNMPv1/v2c Settings	You can specify whether or not to enable SNMPv1/v2c. This is used to set up devices, monitoring, and so on.
SNMPv3 Settings	You can specify whether or not to enable SNMPv3. This is used to set up encrypted devices, monitoring, etc.

Related Information

- ➔ [“Controlling protocols” on page 204](#)
- ➔ [“Protocol Setting Items” on page 205](#)

Protocol Setting Items

Bonjour Settings

Items	Setting value and Description
Use Bonjour	Select this to search for or use devices through Bonjour.
Bonjour Name	Displays the Bonjour name.
Bonjour Service Name	Displays the Bonjour service name.
Location	Displays the Bonjour location name.
Top Priority Protocol	Select the top priority protocol for Bonjour print.

SLP Settings

Items	Setting value and Description
Enable SLP	Select this to enable the SLP function. This is used such as network searching in EpsonNet Config.

WSD Settings

Items	Setting value and Description
Enable WSD	Select this to enable adding devices using WSD, and print from the WSD port.
Printing Timeout (sec)	Enter the communication timeout value for WSD printing between 3 to 3,600 seconds.
Device Name	Displays the WSD device name.
Location	Displays the WSD location name.

LLTD Settings

Items	Setting value and Description
Enable LLTD	Select this to enable LLTD. The printer is displayed in the Windows network map.
Device Name	Displays the LLTD device name.

LLMNR Settings

Items	Setting value and Description
Enable LLMNR	Select this to enable LLMNR. You can use name resolution without NetBIOS even if you cannot use DNS.

LPR Settings

Items	Setting value and Description
Allow LPR Port Printing	Select to allow printing from the LPR port.
Printing Timeout (sec)	Enter the timeout value for LPR printing between 0 to 3,600 seconds. If you do not want to timeout, enter 0.

RAW(Port9100) Settings

Items	Setting value and Description
Allow RAW(Port9100) Printing	Select to allow printing from the RAW port (Port 9100).
Printing Timeout (sec)	Enter the timeout value for RAW (Port 9100) printing between 0 to 3,600 seconds. If you do not want to timeout, enter 0.

IPP Settings

Items	Setting value and Description
Enable IPP	Select to enable IPP communication. When enabled, you will be able to print over the Internet. It is also displayed when searching for devices on the network. Only printers that support IPP are displayed.
Allow Non-secure Communication	Select Allowed to allow the printer to communicate without any security measures (IPP).
Communication Timeout (sec)	Enter the timeout value for IPP printing between 0 to 3,600 seconds.
URL(Network)	Displays IPP URLs (http and https) when the printer is connected to the network. The URL is a combined value of the printer's IP address, Port number, and IPP printer name.
URL(Wi-Fi Direct)	Displays IPP URLs (http and https) when the printer is connected by Wi-Fi Direct. The URL is a combined value of the printer's IP address, Port number, and IPP printer name.
Printer Name	Displays the IPP printer name.
Location	Displays the IPP location.

SNMPv1/v2c Settings

Items	Setting value and Description
Enable SNMPv1/v2c	Select to enable SNMPv1/v2c.
Access Authority	Set the access authority when SNMPv1/v2c is enabled. Select Read Only or Read/Write .
Community Name (Read Only)	Enter 0 to 32 ASCII (0x20 to 0x7E) characters.
Community Name (Read/Write)	Enter 0 to 32 ASCII (0x20 to 0x7E) characters.
Allow access from Epson tools	Set whether or not to allow information to be written by Epson tools such as a Epson Device Admin.

SNMPv3 Settings

Items	Setting value and Description
Enable SNMPv3	SNMPv3 is enabled when the box is checked.
User Name	Enter between 1 and 32 characters using 1 byte characters.
Authentication Settings	
Algorithm	Select an algorithm for an authentication for SNMPv3.
Password	Enter the password for an authentication for SNMPv3. Enter between 8 and 32 characters in ASCII (0x20-0x7E). If you do not specify this, leave it blank.
Confirm Password	Enter the password you configured for confirmation.
Encryption Settings	

Items		Setting value and Description
	Algorithm	Select an algorithm for an encryption for SNMPv3.
	Password	Enter the password for an encryption for SNMPv3. Enter between 8 and 32 characters in ASCII (0x20-0x7E). If you do not specify this, leave it blank.
	Confirm Password	Enter the password you configured for confirmation.
Context Name		Enter within 32 characters or less in Unicode (UTF-8). If you do not specify this, leave it blank. The number of characters that can be entered varies depending on the language.

Related Information

- ➔ [“Controlling protocols” on page 204](#)
- ➔ [“Protocols you can Enable or Disable” on page 205](#)

Using a Digital Certificate

About Digital Certification

CA-signed Certificate

This is a certificate signed by the CA (Certificate Authority.) You can obtain it to apply to the Certificate Authority. This certificate certifies the existence of the printer is and used for SSL/TLS communication so that you can ensure the safety of data communication.

CA Certificate

This is a certificate that is in chain of the CA-signed Certificate, also called the intermediate CA certificate. It is used by the web browser to validate the path of the printer's certificate when accessing the server of the other party or Web Config.

For the CA Certificate, set when to validate the path of server certificate accessing from the printer. For the printer, set to certify the path of the CA-signed Certificate for SSL/TLS connection.

You can obtain the CA certificate of the printer from the Certification Authority where the CA certificate is issued.

Also, you can obtain the CA certificate used to validate the server of the other party from the Certification Authority that issued the CA-signed Certificate of the other server.

Self-signed Certificate

This is a certificate that the printer signs and issues itself. It is also called the root certificate. Because the issuer certifies itself, it is not reliable and cannot prevent impersonation.

Use it when making the security setting and performing simple SSL/TLS communication without the CA-signed Certificate.

If you use this certificate for an SSL/TLS communication, a security alert may be displayed on a web browser because the certificate is not registered on a web browser. You can use the Self-signed Certificate only for an SSL/TLS communication.

Related Information

- ➔ [“Configuring a CA-signed Certificate” on page 209](#)

- ➔ [“Updating a Self-signed Certificate” on page 212](#)
- ➔ [“Configuring a CA Certificate” on page 212](#)

Configuring a CA-signed Certificate

Obtaining a CA-signed Certificate

To obtain a CA-signed certificate, create a CSR (Certificate Signing Request) and apply it to certificate authority. You can create a CSR using Web Config and a computer.

Follow the steps to create a CSR and obtain a CA-signed certificate using Web Config. When creating a CSR using Web Config, a certificate is the PEM/DER format.

1. Access Web Config, and then select the **Network Security** tab > **SSL/TLS** > **Certificate**.
2. Click **Generate** of **CSR**.
A CSR creating page is opened.
3. Enter a value for each item.
Note:
Available key length and abbreviations vary by a certificate authority. Create a request according to rules of each certificate authority.
4. Click **OK**.
A completion message is displayed.
5. Select the **Network Security** tab > **SSL/TLS** > **Certificate**.
6. Click one of the download buttons of **CSR** according to a specified format by each certificate authority to download a CSR to a computer.



Important:

Do not generate a CSR again. If you do so, you may not be able to import an issued CA-signed Certificate.

7. Send the CSR to a certificate authority and obtain a CA-signed Certificate.
Follow the rules of each certificate authority on sending method and form.
8. Save the issued CA-signed Certificate to a computer connected to the printer.
Obtaining a CA-signed Certificate is complete when you save a certificate to a destination.

Related Information

- ➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

CSR Setting Items

Items	Settings and Explanation
Key Length	Select a key length for a CSR.
Common Name	<p>You can enter between 1 and 128 characters. If this is an IP address, it should be a static IP address. You can enter 1 to 5 IPv4 addresses, IPv6 addresses, host names, FQDNs by separating them with commas.</p> <p>The first element is stored to the common name, and other elements are stored to the alias field of the certificate subject.</p> <p>Example: Printer's IP address : 192.0.2.123, Printer name : EPSONA1B2C3 Common Name : EPSONA1B2C3,EPSONA1B2C3.local,192.0.2.123</p>
Organization/ Organizational Unit/ Locality/ State/Province	You can enter between 0 and 64 characters in ASCII (0x20-0x7E). You can divide distinguished names with commas.
Country	Enter a country code in two-digit number specified by ISO-3166.
Sender's Email Address	You can enter the sender's email address for the mail server setting. Enter the same email address as the Sender's Email Address for the Network tab > Email Server > Basic .

Related Information

➔ [“Obtaining a CA-signed Certificate” on page 209](#)

Importing a CA-signed Certificate



Important:

- Make sure that the printer's date and time is set correctly.
- If you obtain a certificate using a CSR created from Web Config, you can import a certificate one time.

1. Access Web Config and then select the **Network Security** tab > **SSL/TLS** > **Certificate**.

2. Click **Import**

A certificate importing page is opened.

3. Enter a value for each item.

Depending on where you create a CSR and the file format of the certificate, required settings may vary. Enter values to required items according to the following.

- A certificate of the PEM/DER format obtained from Web Config
 - Private Key:** Do not configure because the printer contains a private key.
 - Password:** Do not configure.
 - CA Certificate 1/CA Certificate 2:** Optional

- A certificate of the PEM/DER format obtained from a computer
 - Private Key:** You need to set.
 - Password:** Do not configure.
 - CA Certificate 1/CA Certificate 2:** Optional
- A certificate of the PKCS#12 format obtained from a computer
 - Private Key:** Do not configure.
 - Password:** Optional
 - CA Certificate 1/CA Certificate 2:** Do not configure.

4. Click OK.

A completion message is displayed.

Note:

Click **Confirm** to verify the certificate information.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

CA-signed Certificate Importing Setting Items

Items	Settings and Explanation
Server Certificate	Select a certificate’s format.
Private Key	If you obtain a certificate of the PEM/DER format by using a CSR created from a computer, specify a private key file that is match a certificate.
Password	If the file format is Certificate with Private Key (PKCS#12) , enter the password for encrypting the private key that is set when you obtain the certificate.
CA Certificate 1	If your certificate’s format is Certificate (PEM/DER) , import a certificate of a certificate authority that issues a CA-signed Certificate used as server certificate. Specify a file if you need.
CA Certificate 2	If your certificate’s format is Certificate (PEM/DER) , import a certificate of a certificate authority that issues CA Certificate 1. Specify a file if you need.

Related Information

➔ [“Importing a CA-signed Certificate” on page 210](#)

Deleting a CA-signed Certificate

You can delete an imported certificate when the certificate has expired or when an encrypted connection is no longer necessary.



Important:

If you obtain a certificate using a CSR created from Web Config, you cannot import a deleted certificate again. In this case, create a CSR and obtain a certificate again.

1. Access Web Config, and then select the **Network Security** tab > **SSL/TLS** > **Certificate**.
2. Click **Delete**.
3. Confirm that you want to delete the certificate in the message displayed.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Updating a Self-signed Certificate

Because the Self-signed Certificate is issued by the printer, you can update it when it has expired or when the content described changes.

1. Access Web Config and select the **Network Security** tab > **SSL/TLS** > **Certificate**.
2. Click **Update**.
3. Enter **Common Name**.

You can enter up to 5 IPv4 addresses, IPv6 addresses, host names, FQDNs between 1 to 128 characters and separating them with commas. The first parameter is stored to the common name, and the others are stored to the alias field for the subject of the certificate.

Example:

Printer's IP address : 192.0.2.123, Printer name : EPSONA1B2C3

Common name : EPSONA1B2C3,EPSONA1B2C3.local,192.0.2.123

4. Specify a validity period for the certificate.
5. Click **Next**.
A confirmation message is displayed.
6. Click **OK**.
The printer is updated.

Note:

You can check the certificate information from **Network Security** tab > **SSL/TLS** > **Certificate** > **Self-signed Certificate** and click **Confirm**.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Configuring a CA Certificate

When you set the CA Certificate, you can validate the path to the CA certificate of the server that the printer accesses. This can prevent impersonation.

You can obtain the CA Certificate from the Certification Authority where the CA-signed Certificate is issued.

Importing a CA Certificate

Import the CA Certificate to the printer.

1. Access Web Config and then select the **Network Security** tab > **CA Certificate**.
2. Click **Import**.
3. Specify the CA Certificate you want to import.
4. Click **OK**.

When importing is complete, you are returned to the **CA Certificate** screen, and the imported CA Certificate is displayed.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Deleting a CA Certificate

You can delete the imported CA Certificate.

1. Access Web Config and then select the **Network Security** tab > **CA Certificate**.
2. Click **Delete** next to the CA Certificate that you want to delete.
3. Confirm that you want to delete the certificate in the message displayed.
4. Click **Reboot Network**, and then check that the deleted CA Certificate is not listed on the updated screen.

Related Information

➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

SSL/TLS Communication with the Printer

When the server certificate is set using SSL/TLS (Secure Sockets Layer/Transport Layer Security) communication to the printer, you can encrypt the communication path between computers. Do this if you want to prevent remote and unauthorized access.

Configuring Basic SSL/TLS Settings

If the printer supports the HTTPS server feature, you can use an SSL/TLS communication to encrypt communications. You can configure and manage the printer using Web Config while ensuring security.

Configure encryption strength and redirect feature.

1. Access Web Config and select the **Network Security** tab > **SSL/TLS** > **Basic**.

2. Select a value for each item.
 - Encryption Strength
Select the level of encryption strength.
 - Redirect HTTP to HTTPS
Select enable or disable. The default value is "Enable".
 - TLS 1.0
Select enable or disable. The default value is "Disable".
 - TLS.1.1
Select enable or disable. The default value is "Disable".
3. Click **Next**.
A confirmation message is displayed.
4. Click **OK**.
The printer is updated.

Related Information

- ➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)

Configuring a Server Certificate for the Printer

1. Access Web Config and select the **Network Security** tab > **SSL/TLS** > **Certificate**.
2. Specify a certificate to use on **Server Certificate**.
 - Self-signed Certificate
A self-signed certificate has been generated by the printer. If you do not obtain a CA-signed certificate, select this.
 - CA-signed Certificate
If you obtain and import a CA-signed certificate in advance, you can specify this.
3. Click **Next**.
A confirmation message is displayed.
4. Click **OK**.
The printer is updated.

Related Information

- ➔ [“Application for Configuring Printer Operations \(Web Config\)” on page 165](#)
- ➔ [“Configuring a CA-signed Certificate” on page 209](#)
- ➔ [“Updating a Self-signed Certificate” on page 212](#)

Solving Problems for Advanced Security

Problems Using Network Security Features

Cannot Create the Secure IPP Printing Port

The correct certificate is not specified as the server certificate for SSL/TLS communication.

If the specified certificate is not correct, creating a port may fail. Make sure you are using the correct certificate.

The CA certificate is not imported to the computer accessing the printer.

If a CA certificate is not imported to the computer, creating a port may fail. Make sure a CA certificate is imported.

Related Information

➔ [“Configuring a Server Certificate for the Printer” on page 214](#)

Problems on Using a Digital Certificate

Cannot Import a CA-signed Certificate

CA-signed Certificate and the information on the CSR do not match.

If the CA-signed Certificate and CSR do not have the same information, the CSR cannot be imported. Check the following:

- Are you trying to import the certificate to a device that does not have the same information?
Check the information of the CSR and then import the certificate to a device that has the same information.
- Did you overwrite the CSR saved into the printer after sending the CSR to a certificate authority?
Obtain the CA-signed certificate again with the CSR.

CA-signed Certificate is more than 5KB.

You cannot import a CA-signed Certificate that is more than 5KB.

The password for importing the certificate is incorrect.

Enter the correct password. If you forget the password, you cannot import the certificate. Re-obtain the CA-signed Certificate.

Related Information

➔ [“Importing a CA-signed Certificate” on page 210](#)

Cannot Update a Self-Signed Certificate

The Common Name has not been entered.

Common Name must be entered.

Unsupported characters have been entered to Common Name.

Enter between 1 and 128 characters of either IPv4, IPv6, host name, or FQDN format in ASCII (0x20-0x7E).

A comma or space is included in the common name.

If a comma is entered, the **Common Name** is divided at that point. If only a space is entered before or after a comma, an error occurs.

Related Information

➔ [“Updating a Self-signed Certificate” on page 212](#)

Cannot Create a CSR

The Common Name has not been entered.

The **Common Name** must be entered.

Unsupported characters have been entered to Common Name, Organization, Organizational Unit, Locality, and State/Province.

Enter characters of either IPv4, IPv6, host name, or FQDN format in ASCII (0x20-0x7E).

A comma or space is included in the Common Name.

If a comma is entered, the **Common Name** is divided at that point. If only a space is entered before or after a comma, an error occurs.

Related Information

➔ [“Obtaining a CA-signed Certificate” on page 209](#)

Warning Relating to a Digital Certificate Appears

Messages	Cause/What to do
Enter a Server Certificate.	<p>Cause: You have not selected a file to import.</p> <p>What to do: Select a file and click Import.</p>
CA Certificate 1 is not entered.	<p>Cause: CA certificate 1 is not entered and only CA certificate 2 is entered.</p> <p>What to do: Import CA certificate 1 first.</p>

Messages	Cause/What to do
Invalid value below.	<p>Cause: Unsupported characters are contained in the file path and/or password.</p> <p>What to do: Make sure that the characters are entered correctly for the item.</p>
Invalid date and time.	<p>Cause: Date and time for the printer have not been set.</p> <p>What to do: Set date and time using Web Config, EpsonNet Config or the printer's control panel.</p>
Invalid password.	<p>Cause: The password set for CA certificate and entered password do not match.</p> <p>What to do: Enter the correct password.</p>
Invalid file.	<p>Cause: You are not importing a certificate file in X509 format.</p> <p>What to do: Make sure that you are selecting the correct certificate sent by a trusted certificate authority.</p>
	<p>Cause: The file you have imported is too large. The maximum file size is 5KB.</p> <p>What to do: If you select the correct file, the certificate might be corrupted or fabricated.</p>
	<p>Cause: The chain contained in the certificate is invalid.</p> <p>What to do: For more information on the certificate, see the website of the certificate authority.</p>
Cannot use the Server Certificates that include more than three CA certificates.	<p>Cause: The certificate file in PKCS#12 format contains more than 3 CA certificates.</p> <p>What to do: Import each certificate as converting from PKCS#12 format to PEM format, or import the certificate file in PKCS#12 format that contains up to 2 CA certificates.</p>
The certificate has expired. Check if the certificate is valid, or check the date and time on your printer.	<p>Cause: The certificate is out of date.</p> <p>What to do:</p> <ul style="list-style-type: none"> <input type="checkbox"/> If the certificate is out of date, obtain and import the new certificate. <input type="checkbox"/> If the certificate is not out of date, make sure the printer's date and time are set correctly.

Messages	Cause/What to do
Private key is required.	<p>Cause: There is no paired private key with the certificate.</p> <p>What to do:</p> <ul style="list-style-type: none"> <input type="checkbox"/> If the certificate is the PEM/DER format and it is obtained from a CSR using a computer, specify the private key file. <input type="checkbox"/> If the certificate is the PKCS#12 format and it is obtained from a CSR using a computer, create a file that contains the private key. <hr/> <p>Cause: You have re-imported the PEM/DER certificate obtained from a CSR using Web Config.</p> <p>What to do: If the certificate is the PEM/DER format and it is obtained from a CSR using Web Config, you can only import it once.</p>
Setup failed.	<p>Cause: Cannot finish the configuration because the communication between the printer and computer failed or the file cannot be read by some errors.</p> <p>What to do: After checking the specified file and communication, import the file again.</p>

Related Information

➔ [“About Digital Certification” on page 208](#)

Delete a CA-signed Certificate by Mistake

There is no backup file for the CA-signed certificate.

If you have the backup file, import the certificate again.

If you obtain a certificate using a CSR created from Web Config, you cannot import a deleted certificate again. Create a CSR and obtain a new certificate.



Where to Get Help

Technical Support Web Site.	220
Contacting Epson Support.	220

Technical Support Web Site

If you need further help, visit the Epson support website shown below. Select your country or region and go to the support section of your local Epson website. The latest drivers, FAQs, manuals, or other downloadables are also available from the site.

<http://support.epson.net/>

<http://www.epson.eu/support> (Europe)

If your Epson product is not operating properly and you cannot solve the problem, contact Epson support services for assistance.

Contacting Epson Support

Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product manuals, contact Epson support services for assistance.

The following Epson support list is based on the country of sale. Some products may not be sold in your current location, so be sure to contact Epson support for the area in which you purchased your product.

If Epson support for your area is not listed below, contact the dealer where you purchased your product.

Epson support will be able to help you much more quickly if you give them the following information:

- Product serial number
(The serial number label is usually on the back of the product.)
- Product model
- Product software version
(Click **About**, **Version Info**, or a similar button in the product software.)
- Brand and model of your computer
- Your computer operating system name and version
- Names and versions of the software applications you normally use with your product

Note:

Depending on the product, network settings may be stored in the product's memory. Due to breakdown or repair of a product, settings may be lost. Epson shall not be responsible for the loss of any data, for backing up or recovering settings even during a warranty period. We recommend that you make your own backup data or take notes.

Help for Users in Europe

Check your Pan-European Warranty Document for information on how to contact Epson support.

Help for Users in Taiwan

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.com.tw>

Information on product specifications, drivers for download, and products enquiry are available.

Epson HelpDesk

Phone: +886-2-2165-3138

Our HelpDesk team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair service and warranty

Repair service center:

<http://www.tekcare.com.tw/branchMap.page>

TekCare corporation is an authorized service center for Epson Taiwan Technology & Trading Ltd.

Help for Users in Australia

Epson Australia wishes to provide you with a high level of customer service. In addition to your product manuals, we provide the following sources for obtaining information:

Internet URL

<http://www.epson.com.au>

Access the Epson Australia World Wide Web pages. Worth taking your modem here for the occasional surf! The site provides a download area for drivers, Epson contact points, new product information and technical support (e-mail).

Epson Helpdesk

Phone: 1300-361-054

Epson Helpdesk is provided as a final backup to make sure our clients have access to advice. Operators on the Helpdesk can aid you in installing, configuring and operating your Epson product. Our Pre-sales Helpdesk staff can provide literature on new Epson products and advise where the nearest dealer or service agent is located. Many types of queries are answered here.

We encourage you to have all the relevant information on hand when you ring. The more information you prepare, the faster we can help solve the problem. This information includes your Epson product manuals, type of computer, operating system, application programs, and any information you feel is required.

Transportation of Product

Epson recommends retaining product packaging for future transportation.

Help for Users in New Zealand

Epson New Zealand wishes to provide you with a high level of customer service. In addition to your product documentation, we provide the following sources for obtaining information:

Internet URL

<http://www.epson.co.nz>

Access the Epson New Zealand World Wide Web pages. Worth taking your modem here for the occasional surf! The site provides a download area for drivers, Epson contact points, new product information and technical support (e-mail).

Epson Helpdesk

Phone: 0800 237 766

Epson Helpdesk is provided as a final backup to make sure our clients have access to advice. Operators on the Helpdesk can aid you in installing, configuring and operating your Epson product. Our Pre-sales Helpdesk staff can provide literature on new Epson products and advise where the nearest dealer or service agent is located. Many types of queries are answered here.

We encourage you to have all the relevant information on hand when you ring. The more information you prepare, the faster we can help solve the problem. This information includes your Epson product documentation, type of computer, operating system, application programs, and any information you feel is required.

Transportation of Product

Epson recommends retaining product packaging for future transportation.

Help for Users in Singapore

Sources of information, support, and services available from Epson Singapore are:

World Wide Web

<http://www.epson.com.sg>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), Sales Enquiries, and Technical Support via e-mail are available.

Epson HelpDesk

Toll Free: 800-120-5564

Our HelpDesk team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problem troubleshooting
- Enquiries on repair service and warranty

Help for Users in Thailand

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.co.th>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and e-mail are available.

Epson Call Centre

Phone: 66-2460-9699

Email: support@eth.epson.co.th

Our Call Centre team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair service and warranty

Help for Users in Vietnam

Contacts for information, support, and services are:

Epson Service Center

65 Truong Dinh Street, District 1, Ho Chi Minh City, Vietnam.

Phone(Ho Chi Minh City): 84-8-3823-9239, 84-8-3825-6234

29 Tue Tinh, Quan Hai Ba Trung, Hanoi City, Vietnam

Phone(Hanoi City): 84-4-3978-4785, 84-4-3978-4775

Help for Users in Indonesia

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.co.id>

- Information on product specifications, drivers for download
- Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Hotline

Phone: +62-1500-766

Fax: +62-21-808-66-799

Our Hotline team can help you with the following over the phone or fax:

- Sales enquiries and product information
- Technical support

Epson Service Center

Province	Company Name	Address	Phone E-mail
JAKARTA	Epson Sales and Service Jakarta (SUDIRMAN)	Wisma Keiai Lt. 1 Jl. Jenderal Sudirman Kav. 3 Jakarta Pusat - DKI JAKARTA 10220	021-5724335 ess@epson-indonesia.co.id ess.support@epson-indonesia.co.id
SERPONG	Epson Sales and Service Serpong	Ruko Melati Mas Square Blok A2 No.17 Serpong-Banten	082120090084 / 082120090085 esstag@epson-indonesia.co.id esstag.support@epson-indonesia.co.id
SEMARANG	Epson Sales and Service Semarang	Komplek Ruko Metro Plaza Block C20 Jl. MT Haryono No. 970 Semarang -JAWA TENGAH	024 8313807 / 024 8417935 esssmg@epson-indonesia.co.id esssmg.support@epson-indonesia.co.id
JAKARTA	Epson Sales and Service Jakarta (MANGGA DUA)	Ruko Mall Mangga Dua No. 48 Jl. Arteri Mangga Dua, Jakarta Utara - DKI JAKARTA	021 623 01104 jkt-technical1@epson-indonesia.co.id jkt-admin@epson-indonesia.co.id
BANDUNG	Epson Sales and Service Bandung	Jl. Cihampelas No. 48 A Bandung Jawa Barat 40116	022 420 7033 bdg-technical@epson-indonesia.co.id bdg-admin@epson-indonesia.co.id
MAKASSAR	Epson Sales and Service Makassar	Jl. Cendrawasih NO. 3A, kunjung mae, mariso, MAKASSAR - SULSEL 90125	0411- 8911071 mksr-technical@epson-indonesia.co.id mksr-admin@epson-indonesia.co.id
MEDAN	Epson Service Center Medan	Jl. Bambu 2 Komplek Graha Niaga Nomor A-4, Medan - SUMUT	061- 42066090 / 42066091 mdn-technical@epson-indonesia.co.id mdn-adm@epson-indonesia.co.id
PALEMBANG	Epson Service Center Palembang	Jl. H.M Rasyid Nawawi No. 249 Kelurahan 9 Ilir Palembang Sumatera Selatan	0711 311 330 escplg@epson-indonesia.co.id escplg.support@epson-indonesia.co.id
PEKANBARU	Epson Service Center Pekanbaru	Jl. Tuanku Tambusai No. 459 A Kel. Tangkerang barat Kec Marpoyan damai Pekanbaru - Riau 28282	0761- 8524695 pkb-technical@epson-indonesia.co.id pkb-admin@epson-indonesia.co.id
PONTIANAK	Epson Service Center Pontianak	Komp. A yani Sentra Bisnis G33, Jl. Ahmad Yani - Pontianak Kalimantan Barat	0561- 735507 / 767049 pontianak-technical@epson-indonesia.co.id pontianak-admin@epson-indonesia.co.id
SAMARINDA	Epson Service Center Samarinda	Jl. KH. Wahid Hasyim (M. Yamin) Kelurahan Sempaja Selatan Kecamatan Samarinda UTARA - SAMARINDA - KALTIM	0541 7272 904 escsmd@epson-indonesia.co.id escsmd.support@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
SURABAYA	Epson Sales & Service Surabaya (barat)	Jl. Haji Abdul Wahab Saimin, Ruko Villa Bukit Mas RM-11, Kec. Dukuh Pakis, Surabaya - 60225	031- 5120994 sby-technical@epson-indonesia.co.id sby-admin@epson-indonesia.co.id
YOGYAKARTA	Epson Service Center Yogyakarta	YAP Square, Block A No. 6 Jl. C Simanjutak Yogyakarta - DIY	0274 581 065 ygy-technical@epson-indonesia.co.id ygy-admin@epson-indonesia.co.id
JEMBER	Epson Service Center Jember	JL. Panglima Besar Sudirman Ruko no.1D Jember-Jawa Timur (Depan Balai Penelitian & Pengolahan Kakao)	0331- 488373 / 486468 jmr-admin@epson-indonesia.co.id jmr-technical@epson-indonesia.co.id
MANADO	EPSON SALES AND SERVICE Manado	Jl. Piere Tendean Blok D No 4 Kawasan Mega Mas Boulevard - Manado 95111	0431- 8805896 MND-ADMIN@EPSON-INDONESIA.CO.ID MND-TECHNICAL@EPSON-INDONESIA.CO.ID
CIREBON	EPSON SERVICE CENTER Cirebon	Jl. Tuparev No. 04 (Depan Hotel Apita) Cirebon, JAWA BARAT	0231– 8800846 cbn-technical@epson-indonesia.co.id
CIKARANG	EPSON SALES AND SERVICE CIKARANG	Ruko Metro Boulevard B1 Jababeka cikarang - Jawa Barat,	021- 89844301 / 29082424 ckg-admin@epson-indonesia.co.id ckg-technical@epson-indonesia.co.id
MADIUN	EPSON SERVICE CENTER MADIUN	Jl. Diponegoro No.56, MADIUN - JAWA TIMUR	0351- 4770248 mun-admin@epson-indonesia.co.id mun-technical@epson-indonesia.co.id
PURWOKERTO	EPSON SALES AND SERVICE Purwokerto	Jl. Jendral Sudirman No. 4 Kranji Purwokerto - JAWA TENGAH	0281- 6512213 pwt-admin@epson-indonesia.co.id pwt-technical@epson-indonesia.co.id
BOGOR	EPSON SALES AND SERVICE Bogor	Jl.Pajajaran No 15B Kel Bantarjati Kec Bogor Utara - JAWA BARAT 16153	0251- 8310026 bgr-admin@epson-indonesia.co.id bgr-technical@epson-indonesia.co.id
SERANG	EPSON SERVICE CENTER Serang	Jl. Ahmad Yani No.45C, SERANG - BANTEN	0254- 7912503 srg-admin@epson-indonesia.co.id srg-technical@epson-indonesia.co.id
PALU	EPSON SALES AND SERVICE Palu	Jl. Juanda No. 58, Palu - Sulteng	0451- 4012 881 plw-admin@epson-indonesia.co.id plw-technical@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
BANJARMASIN	EPSON SERVICE CENTER BANJARMASIN	Jl. Gatot Soebroto NO. 153 BANJARMASIN - KALSEL 70235	0511- 6744135 (TEKNISI) / 3266321(ADMIN) bdj-admin@epson-indonesia.co.id bdj-technical@epson-indonesia.co.id
DENPASAR	EPSON SALES AND SERVICE Denpasar	JL. MAHENDRADATA NO. 18, DENPASAR - BALI	0361- 3446699 / 9348428 dps-admin@epson-indonesia.co.id dps-technical@epson-indonesia.co.id
JAKARTA	EPSON SALES AND SERVICE CILANDAK	CIBIS Business Park Tower 9 LT. MEZZANINE, Jalan TB Simatupang No.2, Jakarta Selatan - DKI JAKARTA 12560	021- 80866777 esscibis.support1@epson-indonesia.co.id esscibis.support2@epson-indonesia.co.id esscibis.admin@epson-indonesia.co.id esscibis.sales@epson-indonesia.co.id
SURABAYA	EPSON SALES AND SERVICE SURABAYA (GUBENG)	JL. RAYA GUBENG NO. 62, SURABAYA - JAWA TIMUR	031- 99444940 / 99446299 / 99446377 esssby@epson-indonesia.co.id esssby.support@epson-indonesia.co.id
AMBON	EPSON SERVICE CENTER AMBON	Jl. Diponegoro No.37 (Samping Bank Mandiri Syariah) Kel.Ahusen, Kec.Sirimau - Ambon 97127	-

For other cities not listed here, call the Hot Line: 08071137766.

Help for Users in Hong Kong

To obtain technical support as well as other after-sales services, users are welcome to contact Epson Hong Kong Limited.

Internet Home Page

<http://www.epson.com.hk>

Epson Hong Kong has established a local home page in both Chinese and English on the Internet to provide users with the following information:

- Product information
- Answers to Frequently Asked Questions (FAQs)
- Latest versions of Epson product drivers

Technical Support Hotline

You can also contact our technical staff at the following telephone and fax numbers:

Phone: 852-2827-8911

Fax: 852-2827-4383

Help for Users in Malaysia

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.com.my>

- Information on product specifications, drivers for download
- Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Call Centre

Phone: 1800-81-7349 (Toll Free)

Email: websupport@emsb.epson.com.my

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair services and warranty

Head Office

Phone: 603-56288288

Fax: 603-5628 8388/603-5621 2088

Help for Users in India

Contacts for information, support, and services are:

World Wide Web

<http://www.epson.co.in>

Information on product specifications, drivers for download, and products enquiry are available.

Helpline

- Service, product information, and ordering consumables (BSNL Lines)
 - Toll-free number: 18004250011
 - Accessible 9am to 6pm, Monday through Saturday (Except public holidays)
- Service (CDMA & Mobile Users)
 - Toll-free number: 186030001600
 - Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

Help for Users in the Philippines

To obtain technical support as well as other after sales services, users are welcome to contact the Epson Philippines Corporation at the telephone, fax numbers and e-mail address below:

World Wide Web

<http://www.epson.com.ph>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and E-mail Enquiries are available.

Epson Philippines Customer Care

Toll Free: (PLDT) 1-800-1069-37766

Toll Free: (Digital) 1-800-3-0037766

Metro Manila: (632) 8441 9030

Web Site: <https://www.epson.com.ph/contact>

E-mail: customercare@epc.epson.com.ph

Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

Our Customer Care team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair service and warranty

Epson Philippines Corporation

Trunk Line: +632-706-2609

Fax: +632-706-2663