

Canon

PIXMA

WIRELESS HOME ALL-IN-ONE
INKJET PRINTER



PIXMA TS8820

Color All-In-One Ink Cartridge Printer



Wi-Fi



Printer



Copier



Scanner

The PIXMA TS8820 may be the perfect everyday printer for you. This wireless² photo printer also has a built-in SD Memory Card slot³ to Print beautiful photos. It supports auto 2-sided printing for documents and has a 4.3" Color Touch LCD on the front to control it all. Print from or scan directly to compatible mobile devices⁴ with user-friendly Wi-Fi⁴ capabilities

PIXMA TS8820

Print Speeds⁵	Up to 15 ipm in black and 10 ipm in color ⁵
Functions	Print, Copy, Scan
Connectivity	Wi-Fi ⁴ , USB
Auto 2-Sided Print Capability	Yes
Scan/Copy Capabilities	Flatbed
Ink Cartridges	Uses 6 different ink cartridges: Black Pigment Ink plus Cyan, Magenta, Yellow, Black, and Gray Dye-Based Inks.
Control Panel	4.3 Inch Color Touchscreen LCD Panel
Printer Size (closed)	14.7" x 13.6" x 5.6" (WxDxH)

Everything you need in an Inkjet printer.



Fast Print Speed⁵

Print up to 15 black pages or 10 color pages per minute with your first print out in approximately 9 seconds in black or 11 seconds in color.



Mobile Connectivity^{6,7,8}

Print on-the-go with Canon PRINT, Apple® AirPrint® and Mopria™ Print Service.



Auto 2-Sided Print Available

Automatically prints on both sides of a sheet without flipping and reinserting the paper.



4.3" Touch Screen LCD

Get the job done with an intuitive and easy to use 4.3" Touch Screen LCD.



High Quality Borderless⁹ Photos

Print beautiful borderless⁹ photos up to 8.5" x 11".



Front / Rear Paper Feeding

Load up to 200-Sheets of plain paper: 100-sheets in bottom cassette, and 100-sheets in rear tray



PosterArtist

PosterArtist¹⁰ is a poster creation software program designed to be used by all levels of users to help them create professional-quality posters, banners and signage.



SD Memory Card Reader

Enjoy easy photo printing with a built-in SD Memory Card Reader³.



Support and Service

Canon U.S.A. takes pride in delivering complete customer satisfaction. Canon's friendly and knowledgeable Customer Service Team provides expert assistance for every level of experience, offering the support, peace of mind, and value you deserve. This printer comes with a one-year limited warranty.¹



PRINT

Printer Functions	Print, Copy, Scan
Print Features	Document Printing, Photo Printing, Wireless ² Printing, Mobile Device Printing, Business Card Printing, Greeting Card Printing, Label Printing, Double-sided Matte Paper Support, Auto Duplex Printing
Printing Capability	Single Sided (Simplex/Duplex) Printing
Print Speed (ESAT)⁵	Black Document(Letter)Simplex: Approx. 15.0 ipm Color Document(Letter)Simplex: Approx. 10.0 ipm
Print Resolution¹¹	Up to 1200 x 1200 dpi
Number of Nozzles	Color (C/M/Y): 768x3 / Pigment Black: 832 / Total: 3,136
Media Handling	Cassette: 100 sheets (letter-size only) Rear Tray: 100 sheets (letter-size only)
Supported Paper / Media Sizes	Rear Tray: LTR, Legal, A4, A5, B5, 4" x 6", 5" x 7", 7" x 10", 8" x 10", Square 3.5" x 3.5", 5" x 5" Custom Size: 2.2" - 8.5" / Length: 5" - 14" Cassette: LTR, A4, A5, B5
Canon Paper / Media Compatibility	Plain: Plain Paper, Canon High Resolution Paper; Glossy: Photo Paper Plus Glossy II, Photo Paper Glossy, Photo Paper Pro Platinum; Semi-Gloss: Photo Paper Plus Semi-Gloss, Photo Paper Pro Luster; Matte: Matte Photo Paper, Double-sided Matte Paper; Magnetic Photo Paper, Restickable Photo Paper; Other (non-Canon): Cardstock, Greeting Card, U.S. #10 Envelopes, Recycled paper and Chlorine-free paper can be used
Supported Media Thickness / Weight	Cassette: Plain Paper: 64 - 105 g/m ² Rear Tray: Plain Paper: 64 - 105 g/m ² OR Canon Paper: Max. approx. 300g/m ² (Canon Photo Paper Plus Glossy II)

COPY

Copy Features	Standard Copy, Borderless Copy, Two side Copy, 4-on-1 / 2-on-1 Copy, Document Copy, Frame Erase Copy, ID Card Copy, Auto Exposure Copy, Preset Copy Ratios, Reduction/ Zoom Copy (25% - 400%), Fit-to- Page, Preview, Print all photos, Auto Photo Fix, Fade restoration
Maximum Document Size	Flatbed: Letter

SCAN

Scan Features	Save to PC, Attach to E-mail, Multi-Page PDF
Scanner Type	Flatbed
Scanning Method	Contact Image Sensor (CIS)
Scanning Resolution¹²	1200 x 2400 dpi (Optical)
Maximum Color Scanning Bit Depth	Grayscale: 16-bit / 8-bit Color: 16-bit / 8-bit Per Color
Maximum Document Size	Flatbed: Letter

INK INFORMATION

Ink Type	PG-230 Pigment Black Ink CL-231 Dye Based Inks (BK, C, M, Y, GY)
Page Yield	Included Black Cartridge: 600 pages Included Color Cartridges: 800 pages (C, M, Y, BK)

CONNECTIVITY & SOFTWARE / APPS

Connectivity Options	Hi-Speed USB Wi-Fi [®] (Wireless LAN, 2.4/5 GHz, IEEE 802.11b/g/n/a/ac) ²
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WIRELESS INFORMATION

Standard	IEEE 802.11b/g/n/a/ac ²
Security	WEP (64 / 128 bit), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
Wireless LAN Frequency Band(s)	2.4 GHz / 5 GHz
Wireless Direct Connection Capable / Wireless Connect Capable¹³	Yes

OS COMPATIBILITY

Windows¹⁴	Windows [®] 11, Windows [®] 10, Windows [®] 8.1, Windows [®] 7 SP1
Mac¹⁵	macOS [®] v10.15.7 - 13
Mobile Operating Systems¹⁶	iOS [®] , iPadOS [®] , Android [™]
Chromebook¹⁷ Compatible	Yes
Smart Assistant Support	Amazon Alexa
Mobile Printing Solutions and Apps (iOS / Android)	AirPrint ^{®7} , Mopria [®] Print Service [®] , Canon PRINT app ⁴ , Easy Photo-Print Editor App ¹⁸ , Canon Print Service [®] (Android), Cloud Link ¹⁹ , Creative Park App ²⁰

GENERAL

General Features	Auto Power On/Off, Print/Scan/Copy, Quiet Mode, Wireless Direct Connection, Wireless Connect ² , Auto Paper Width Detection, User Replaceable Maintenance Cartridge
Display	4.3 Inch Color Touchscreen LCD Panel

POWER INFORMATION

Energy Efficiency	Energy Star ^{®21} , EPEAT Silver
Auto Power On / Off Capable	Yes
Input Voltage	AC 100 - 240 V, 50 / 60 Hz
Power Consumption	27W (1.1W Standby / 0.1W Off)

PRINTER INFORMATION

Warranty¹	1 Year Limited Warranty
Dimensions²² (Factory Configuration)	Approx. 14.8 x 13.8 x 6.7 (WxDxH)
Dimensions (Trays Extended)	Approx. 15.9 x 23.8 x 10.9 (WxDxH)
Weight	Approx. 13.8 lbs

CONSUMABLE ORDERING INFORMATION



Model Number	PGI-230 PGBK	CLI-231 BK	CLI-231 C	CLI-231 M	CLI-231 Y	CLI-231 GY
Description	Pigment Black Ink Tank	Black Ink Tank	Cyan Ink Tank	Magenta Ink Tank	Yellow Ink Tank	Gray Ink Tank
Item Number	6673C001	6674C001	6675C001	6676C001	6677C001	6678C001
UPC Code	013803380675	013803380682	013803380736	013803380743	013803380750	013803380774

DISCLAIMERS:
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL VIEWSCREEN AND OUTPUT IMAGES ARE SIMULATED.

- Warranty programs are subject to certain conditions and restrictions. See www.usa.canon.com/support for details.
- Wireless printing and scanning requires a working network with wireless 802.11b/g/n/a/ac capability, operating at 2.4GHz or 5.0GHz. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
- Compatible memory cards include SD Card and SDHC Card. The following can be used with the addition of a special adapter sold separately: miniSD Card, miniSDHC Card, microSD Card, microSDHC Card and microSDXC Card. Supported File Formats include: JPEG and TIFF (Exif-compliant) taken by DCF(Ver.1.0/2.0) compliant digital cameras. (Exif ver2.2/2.21/2.3 compliant).
- Requires a smart device with the Canon PRINT app installed and connected to the desired active wireless network to complete cableless setup.
- Document print speeds are the averages of ESAT in Office Category Test for the default simplex mode, ISO/IEC 24734. Photo print speed is based on the default setting using ISO/JIS-SCID N2 on Photo Paper Plus Glossy II and does not take into account data processing time on host computer. Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc. Copy speeds are the average of sFCOT and sESAT, ISO/IEC 29183. Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warming up time. See www.usa.canon.com/ijpm for additional details.
- Canon Print Service is a print plug-in for Android smart devices, which enables printing from Android v4.4 - v5.0 devices to many Canon printers via a Wi-Fi network. The plug-in does not work as a standalone app. Available for free at Google Play.
- AirPrint functionality requires a compatible iPad, iPhone, or iPod Touch device running iOS 7.0 or later, and an AirPrint-enabled printer connected to the same network as your iOS device. A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
- Requires Android™ mobile device with Android 4.4 operating system or later with the Mopria Print Service pre-loaded with that device and the compatible PIXMA printer on the same wireless network. The Mopria experience is also available on Android 4.4 or later mobile devices with a download of the Mopria Print Service from Google Play.
- Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer and Photo Stickers. The maximum borderless printing size is 8.5"x11".
- PosterArtist online version requires a personal computer with Internet access and a compatible Canon printer. The service is not available on some operating systems or browsers. See usa.canon.com/PosterArtist for details.
- Resolution may vary based on printer driver setting. Color ink droplets can be placed with a horizontal pitch of 1/4800 inch at minimum.
- Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
- Requires a smart device with the Canon PRINT app installed and connected to the desired active wireless network to complete cableless setup.
- Operation can only be guaranteed on a PC with pre-installed Windows 11, Windows 8.1, Windows 7 SP1.
- Internet Connection required during software installation. For full compatibility macOS v10.12.1 or later is recommended.
- Some functions may not be available with these Operating Systems. Please refer to manual or Canon website for details.
- Functions and features may vary by printer model. Scanning requires Chrome OS 89 or later.
- The Easy-PhotoPrint Editor software requires an Internet connection and is compatible with the following operating systems; Microsoft Windows 10 (64-bit/32-bit), Microsoft Windows 8.1 (64-bit/32-bit), Microsoft Windows 7 SP1 (64-bit/32-bit), macOS High Sierra v10.13, macOS Sierra v10.12, Mac OS X El Capitan v10.11 and Mac OS X El Capitan v10.10.5. Minimum Windows and macOS/Mac OS X requirements are: 2GB of RAM and a monitor with 1024x768 resolution. The Easy-PhotoPrint Editor mobile application requires an Internet connection and the Easy-PhotoPrint Editor app v1.1.0, available for free on the App Store and at Google Play. Compatible with iPad Air2 (2nd Generation), iPad Mini 4 and iPhone 6s or later devices running iOS 10 or later, and Android mobile devices running Android 5.x or later. Certain exceptions may apply. The following file formats are supported: JPEG, PNG, HEIF (devices running iOS 11 and mac OS v10.13 or later), DLP save data, Poster Artist export data, EasyPhoto+ export data, Easy-PhotoPrint Editor export data.
- Requires an Internet connection and the Canon PRINT app, available for free on the App Store and at Google Play. Compatible with iPad, iPhone 3GS or later, and iPod touch 3rd generation or later devices running iOS 12.0 or later, and Android™ mobile devices running Android 4.4 or later. Your device must be connected to the same working network with wireless 802.11 b/g/n/a/ac capability as your printer. Requires a compatible social media account and is subject to that social media account's Terms of Service. Certain exceptions may apply.
- Requires an Internet connection and the Creative Park app, available for free on the App Store and at Google Play. Requires an active 'Canon ID' available for free, and subject to 'Canon ID' Terms of Service. Visit myid.canon.com for more information. Certain exceptions may apply.
- As an ENERGY STAR® Partner, Canon U.S.A., Inc. has certified this printer as meeting the ENERGY STAR energy efficiency criteria through an EPA-recognized certification body.
- Product box dimensions measured in horizontal box configuration.



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