Data sheet

HP OfficeJet Pro 8124 All-in-One Printer

Print like you mean business





Bring professional-quality printing to your home office. HP OfficeJet Pro printers deliver consistent performance for everyday work tasks, making them a reliable choice. That way, you can focus on your work—not your printer.

Highlights

- 35-page automatic document feeder
- 20 black / 10 colour ppm
- 225-sheet input tray
- Reliable, dual-band Wi-Fi®
- Instant Ink ready
- HP AI capable
- Effortless setup with the HP app
- HP Wolf Essential Security

Boost daily productivity with time-saving features

- Stay productive with print speeds up to 20 pages per minute (PPM).[1]
- Quickly scan and copy multiple pages with the automatic document feeder.
- HP AI helps you simplify tasks, personalize experiences, and enhance productivity.[3]

Professional quality, page after page

- Print professional-looking documents with vibrant colours and sharp black text.
- Produce water-resistant, smear-resistant, and fade-resistant prints.[4]

Save money, save time with Instant Ink

- Never worry about running out of ink! With Instant Ink, you get ink delivered right to your door.[5]
- Enjoy the freedom to choose a plan that fits your needs—with the flexibility to change, pause, or cancel anytime.[6]
- Whether you print in full colour or black & white—every page costs the same with Instant Ink.

Reliability built into every print

- Designed for consistent use, offering dependable results for your everyday needs.
- Specialized settings ensure smooth, reliable printing even on recycled paper.[8]

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

Footnotes

[1] Excludes first set of ISO test pages. For details, see: www.hp.com/go/printerclaims .
[2] HP Smart and myHP are now the HP app, available for download on Windows 10 or 11 PCs; macOS computers; and for Apple and Android mobile phones and tablets. Windows PCs do not support print features at launch. Android not supported in China at launch. The HP app requires download available at www.hp.com/hp-app. Not all HP devices, services, apps are available in the HP app. Certain features are available in English language only, and may vary by printer and PC model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of select HP app functionality. Internet access required. HP account required for full functionality. Fax sending capability only. Live chat and phone support are available during business hours and varies by country. Chat service is localized in supported regions, and where not supported, will default to English. Supported conferencing features vary by device and device configuration. For complete Terms of Service see: www.hp.com/hp-app-terms-of-use .
[3] Requires optional HP AI software to use artificial intelligence (AI). Certain HP AI features are available in English only, and may vary by printer model/country, and between desktop/mobile applications. Requires HP app or HP Easy Start and being signed into your HP account or Smart Admin account. Internet access is required. Some features may be beta apps. HP reserves the right to charge for these and additional services in the future in accordance with the HP AI Terms of Service. To learn more, visit hp.com/HP_AI .
[4] When used with Original HP inks. Based on internal testing, ISO 11798 certification, and Wilhelm Imaging Dark Storage statement. Performance may vary depending on media and ink selection. See hp.com/go/printpermanence for details.
[5] Savings Claim: Based on monthly subscription cost of HP Instant Ink 700-page plan without purchase of additional sets of pages compared to cost per page (CPP) to print ISO/IEC 24711 pages on most HP, A4 colour inkjet cartridge printers and MFPs. Comparative printers are priced at or below the most expensive HP Instant-Ink eligible printer in each country using local currency, annually. Sale prices not considered for this study. Average CPP per country used to determine percent savings versus CPP for HP Instant Ink. HP Ink Advantage printers, printers sold through contract, and other printers which only use XL cartridges excluded due to non-standard hardware & supplies model. Keypoint Intelligence annual study commissioned by HP. Printers selected by market share in IDC Quarterly Hardcopy Peripherals. www.keypointintelligence.com/HPInstantInk . Automatic Delivery: Based on plan usage, Internet connection to eligible HP printer, valid payment method, email address, and delivery service in your geographic area. Never Run Out: Printers require direct connection to the Internet for program participation. Internet access sold separately.
[6] Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink plan you can use HP original Standard or XL cartridges and, for non-HP+ printers, you can use HP original Standard or XL cartridges or 3rd party cartridges that are compatible with your HP printer. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to hpinstantink.com/terms
[7] Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only.
[8] Select "Plain Paper, Light/Recycled" as the paper type in your printer settings for optimal results.

Technical specifications

Functions	Print, copy, scan
Print technology	HP Thermal Inkjet
Print speed[5]	**Black (A4, ISO):** Up to 20 ppm; **Colour (A4, ISO):** Up to 10 ppm; **Draft black (A4):** Up to 29 ppm; **Draft colour (A4):** Up to 25 ppm;
First page out[6]	**Black (A4, ready):** As fast as 15 sec; **Colour (A4, ready):** As fast as 18 sec
Print resolution	**Black (best):** 1200 x 1200 rendered dpi; **Colour (best):** Up to 4800 x 1200 optimized dpi on HP Advance Photo Paper 1200 x 1200 dpi input
Monthly duty cycle[7]	Up to 20,000 pages A4; **Recommended monthly page volume:** Up to 800 pages
Printer smart software features	Color Mode: Color/Grayscale using black only/Grayscale using CMYK black; Two-sided Printing: None/Flip on Long Edge/Flip on Short Edge; Pages per Sheet: 1,2,4,6,9,16; Pages per Sheet Layout: Right, then Down/Down, then Right/Left, then Down/Down, then Left; Page Border: On/Off; Print Quality: Normal/Draft/Best/Maximum dpi; Copy count; Collate; Orientation: Portrait/Landscape; Paper Size; Paper Source; Media Type; Booklet Printing: Off/Left binding/Right binding; Watermarks; Page Order: Front to Back/Back to Front; HP EasyColor: Off/Conservative/Automatic; Borderless Printing: Off/On; Presets
Standard print languages	HP PCL3 GUI
Print area	**Print margins:** Top: 2.9 mm, Bottom: 2.9 mm, Left: 2.9 mm, Right: 2.9 mm; **Maximum print area**: 210 x 297 mm
Borderless printing	Yes, on Photo & brochure only (up to 8.5 x 11 in US Letter, 210x297 mm in A4)
Number of supplies	4 (1 each black, cyan, magenta, yellow)
Multitasking supported	Yes
Duplex printing	Automatic (standard)
Copy speed	**Black (A4, ISO):** Up to 12 cpm; **Colour (A4, ISO):** Up to 6 cpm
Copier specifications	**Copier settings:** Number of Copies; Sided; Lighter/Darker; Resize; Quality; Paper Size; Paper Type; Collate; **Maximum number of copies:** Up to 99 copies; **Copy resolution:** Up to 600 dpi; **Reduce/Enlarge:** 25 to 400%
Copier smart software features	Two-Sided; Lighter/Darker; ID Copy; Resize; Quality; Paper Size; Paper Type; Collate; Margin Shift; Crop; Copy Preview; Enhancements
Scan speed	**Normal (A4):** Up to 8 ppm (200 ppi, b&w), up to 3.5 ppm (200 ppi, color);
Scan file format	JPG, BMP, TIFF, PDF, RTF, TXT, PNG
Scanner specifications	**Scanner type:** Easy slide-off glass legal size flatbed scanner; One-sided ADF; **Scan input modes:** Front-panel scan, copy, HP Software, EWS, Mobile apps; **Twain version:** Version 2.4; **Scan size maximum (flatbed):** 215.9 x 297 mm; **Scan size maximum (ADF,metric):** 215.9 x 355.6 mm; **Optical scan resolution:** Up to 1200 dpi
Scanner advanced features	Smart Tasks shortcuts: 1-click customizable scan to cloud destinations, email, and print; Smart Tasks destinations: Dropbox, Google Drive, OneDrive, email recipients
Scannable area	**Maximum media size (flatbed):** 215.9 x 297 mm; **Minimum media size (ADF):** 127 x 127 mm; **Maximum media size (ADF):** 215.9 x 355.6 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	**Standard:** Scan to Email; Scan to Computer
Fax smart software features	Mobile Fax using HP app
Processor speed	1.2 GHz
Connectivity	**Standard:** 1 Ethernet; 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11 a/b/g/n/ac (dual band)
Wireless	Yes, with built-in dual-band Wi-Fi 802.11 a/b/g/n/ac and a self-heal solution
Mobile printing capability[4]	Chrome OS; HP app; Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ certified
Network capabilities	Yes, via built-in Ethernet; Wireless 802.11 a/b/g/n/ac
Hard disk	N.A.
Memory	**Standard:** 512 MB
Number of paper trays	**Standard:** 1
Media types	Plain Paper, HP Photo Papers, HP Matte Brochure or Professional Paper, HP Matte Presentation Paper, HP Glossy Brochure or Professional Paper, Other Photo Inkjet Papers, Other Matte Inkjet Papers, Other Glossy Inkjet Papers, Thick Plain Paper, Light/Recycled Plain Paper, HP Tri-fold Brochure Paper, Glossy
Media size	**Custom (metric):** Tray 1: 76.2 x 127 to 215.9 x 355.6 mm **Supported (metric):** A4, A5, A6, B5(JIS), Card (A4, Hagaki); Photo (13 x 18 cm, 10 x 15 cm); Envelope (A2, C5, C6, DL. Chou #3, Chou #4); 8.5 x 13 in
Media weight, supported	60 to 105 g/m² (plain); 220 to 280 g/m² (photo); 75 to 90 g/m² (envelope); 163 to 200 g/m² (card)

Input capacity	**Standard:** Up to 225 sheets **ADF:** Standard, 35 sheets **Envelopes:** Up to 10 envelopes **Cards:** Up to 60 sheets
Output capacity	**Standard:** Up to 60 sheets **Envelopes:** Up to 10 envelopes **Cards:** Up to 10 sheets
Compatible operating systems	Windows 11; Windows 10; Windows Server; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux; Chrome OS
Minimum system requirements	**Windows:** Microsoft® Windows® 11, 10: 32-bit or 64-bit; 2 GB available hard disk space; Internet connection; Microsoft® Internet Explorer or Edge **Mac:** Apple® macOS v11 Big Sur, macOS v12 Monterey, macOS v13 Ventura; 2 GB HD; Internet required
Software included	HP Printer Software
Printer dimensions (W x D x H)[1]	**Minimum:** 460 x 337.5 x 233 mm; **Maximum:** 460 x 515 x 233 mm
Package dimensions (W x D x H)	506 x 298 x 408 mm
Printer weight[2]	8.0 kg
Package weight	10.21 kg
Operating environment	**Temperature:** 5 to 40°C **Humidity:** 25 to 75% RH
Storage conditions	**Temperature:** -40 to 60°C
Acoustics	**Acoustic power emissions:** 6.6 B(A) (printing at 16ppm) **Acoustic pressure emission:** 60 dB(A) (printing at 16ppm)
Power[3]	**Requirements:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz ; **Consumption:** 4.07 watts (ready), 1.02 watts (sleep), 0.11 watts (manual-off) ; **Power supply type:** Internal (Built-in) Universal Power Supply
Certifications	CISPR 32:2015 / EN 55032:2015 Class B; CISPR 24:2010 / EN 55024:2010; CISPR 35:2016 / EN 55035:2017+A11:2020; EN 61000-3-2:2014 / IEC 61000-3-2:2014; EN 61000-3-3:2013 / IEC 61000-3-3:2013; EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.4; FCC CFR 47 Part 15 Class B ICES-003, Issue 7; Class B VCCI V-3:2015. EPEAT® registered **Blue Angel compliant:** No, please refer to the ECI (Ecolabel Comparison Information) document
Sustainable impact specifications	Contains ocean-bound recycled plastic; Recyclable through HP Planet Partners; FSC Certified Packaging
Country of origin	Thailand
Control panel	2.7" (6.86 cm) touchscreen control panel with CGD (color graphic display); 3 buttons: (home, help, back)
What's in the box	**C2VJ7B:** HP OfficeJet Pro 8124 AiO Printer; HP 924 Setup Black Ink Cartridge (~255 pages); HP 924 Setup Cyan Ink Cartridge (~270 pages); HP 924 Setup Magenta Ink Cartridge (~270 pages); HP 924 Setup Yellow Ink Cartridge (~270 pages); Power Cord; Regulatory Flyer; Ink Caution Flyer; Setup Poster; Reference Guide
Inbox Page Yield	Page yield (set-up/inbox cartridges): ~255 pages black, ~270 pages cyan, magenta, yellow composite
Supplies, After market or Supplies, replacement	**4K0U3NE** HP 924 Cyan Original Ink Cartridge (~400 pages) **4K0U4NE** HP 924 Magenta Original Ink Cartridge (~400 pages) **4K0U5NE** HP 924 Yellow Original Ink Cartridge (~400 pages) **4K0U6NE** HP 924 Black Original Ink Cartridge (~500 pages) **4K0U7NE** HP 924e EvoMore Cyan Original Ink Cartridge (800 pages) **4K0U8NE** HP 924e EvoMore Magenta Original Ink Cartridge (800 pages) **4K0U9NE** HP 924e EvoMore Yellow Original Ink Cartridge (800 pages) **4K0V0NE** HP 924e EvoMore Black Original Ink Cartridge (1,000 pages)
Service and Support	**UG198E** - HP 3 year Care Pack w/Standard Exchange for Officejet Pro Printers. All EMEA countries (Except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Slovenia, South Africa, Türkiye) **UG075E** - HP 3 year Care Pack w/Next Day Exchange for Officejet Pro Printers. Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK **UH575E** - HP 4 year Care Pack w/Next Day Exchange for Officejet Pro Printers. Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK UG248E- HP 3 year Care Pack w/Return to Depot Support for Officejet Printers. Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, Slovenia, South Africa, Türkiye
Warranty	Standard one-year HP commercial hardware warranty. Three-year HP commercial hardware warranty after registration within 60 days of purchase (see www.hp.com/eu/3yearwarranty). Warranty and support options vary by product, country and local legal requirements.

[1] Dimensions vary as per configuration [2] Weight varies as per configuration [3] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. [4] Wireless performance is dependent upon physical environment and distance from the access point; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see http://hpconnected.com. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. AirPrint supports OS X v10.11 El Capitan and devices running iOS 4.2 or later and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows is a trademark of the Microsoft group of companies. [5] Speed specifications have been updated to reflect current industry testing methods. [6] Either after first page or after first set of ISO test pages. For details see http://www.hp.com/go/printerclaims [7] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement [8] For more information about page yields for replacement cartridges see http://hp.com/go/learnaboutsupplies for setup cartridges click on Setup supplies link on the same page.

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gb-enJune 2026