Data sheet

HP OfficeJet Pro 8122e All-in-One Printer

Print at home like a Pro.





Say hello to the professional colour inkjet printer for your home office from the World's #1 Printer Company, paired with the easiest-to-use print app. From notes to presentations, enjoy easy printing designed to make you succeed at work.[1,2]

This is an HP+ enabled printer. Choose HP+ at product setup to activate benefits. HP+ requires an HP account, ongoing connection to the internet, and exclusive use of Original HP Ink cartridges for the life of the printer. More at: http://www.hp.com/plus

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

Highlights

- Set up with the best print app[2]
- HP's best Wi-Fi®- self-healing[3]
- Quiet mode for noisy printing
- Advanced mobile scan/shortcuts[2]
- 20 black ppm/10 colour ppm
- 225-sheet input tray
- Automatic document feeder
- Instant Ink ready
- 3 months of ink included - HP+[12,13]

Reliable technology uniquely built to work at home

- Say goodbye to noisy printing and stay focused on your work with quiet mode.
- Stay connected with our most reliable Wi-Fi® - dual-band, self-healing - that automatically reconnects.[3]
- Print confidently and securely over VPN with work-from-home technology from the Most Reliable A4 Brand.[4]
- Help keep your home office protected from cyberthreats with HP Wolf Essential Security.[3]

Print from your couch with the best print app[2]

- Print, scan, copy, or fax right from your smartphone with the best and easiest-to-use print app.[2]
- Compatible with your favorite cloud storages like Dropbox, Google Drive, email, or One Drive.[2]
- Scan multiple documents at once and edit them from your smartphone.[2]

Always be ready to print. Never run out of ink.[6]

- With an Instant Ink subscription, you can get ink delivered directly to your door before you run out.[6]
- Save up to 70% with Instant Ink. Enroll to get ink with automatic delivery starting at £1.49 a month.[7,6]
- Get peace of mind with the flexibility to change plans or cancel anytime at no cost.[8]

Driving innovation with 45% recycled plastic[9]

- Choose printers made with at least 45% recycled plastic.[9]
- For every page you print, HP protects, restores and manages forests in equal measure.[10]
- Recycle your Original HP ink cartridges after use for free with the HP Planet Partners program.[11]

Technical specifications

Functions	Print, copy, scan
Print technology	HP Thermal Inkjet
Print speed	**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	**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	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: Nnone/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; Resize; Quality; Paper Size; Paper Type; Collate
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, PNG
Scanner specifications	**Scanner type:** Flatbed, 1-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	Advance Scan via Hp+, 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	Chrome OS; HP Smart 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; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; 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)	**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	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	**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 **Blue Angel compliant:** No, please refer to the ECI (Ecolabel Comparison Information) document
Sustainable impact specifications	Forest First product with HP+; FSC Certified Packaging; Contains ocean-bound recycled plastic; 45% post-consumer recycled plastic; Recyclable through HP Planet Partners
Country of origin	Made in 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	**405U3B:** HP OfficeJet Pro 8122e All-in-One Printer; HP 924 Setup Black Ink Cartridge; HP 924 Setup Cyan Ink Cartridge; HP 924 Setup Magenta Ink Cartridge; HP 924 Setup Yellow Ink Cartridge; Power Cord; Regulatory Flyer; Ink Caution Flyer; Setup Poster; Reference Guide
Supplies, After market or Supplies, replacement	**4K0U3NE** HP 924 Cyan Original Ink Cartridge (400 standard pages in accordance with ISO/IEC 19752) **4K0U4NE** HP 924 Magenta Original Ink Cartridge (400 standard pages in accordance with ISO/IEC 19752) **4K0U5NE** HP 924 Yellow Original Ink Cartridge (400 standard pages in accordance with ISO/IEC 19752) **4K0U6NE** HP 924 Black Original Ink Cartridge (Average cartridge yields 500 standard pages. Declared yield value in accordance with ISP/IEC 19752) **4K0U7NE** HP 924e EvoMore Cyan Original Ink Cartridge (800 standard pages in accordance with ISO/IEC 19752) **4K0U8NE** HP 924e EvoMore Magenta Original Ink Cartridge (800 standard pages in accordance with ISO/IEC 19752) **4K0U9NE** HP 924e EvoMore Yellow Original Ink Cartridge (800 standard pages in accordance with ISO/IEC 19752) **4K0V0NE** HP 924e EvoMore Black Original Ink Cartridge (Average cartridge yields 1,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.) **6C3Z1NE** HP 924 CMYK Original Ink Cartridge 4-Pack (Average cartridge yields 500 standard pages. Declared yield value in accordance with ISO/IEC 19752.400 standard pages in accordance with ISO/IEC 19752)
Service and Support	**UG198E** HP 3 Year Care Pack with Standard Exchange for Officejet Pro Printers (All EMEA countries, except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey) **UG075E** HP 3 Year Care Pack with Next Day Exchange for Officejet Pro Printers (Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK) **UG248E** HP 3 Year Care Pack with Return To Depot Support for Officejet Pro Printers (Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey)
Warranty	Standard one-year HP commercial hardware warranty. One-year extra HP warranty through HP+ activation at setup; and (3) One year bonus HP warranty through separate online registration, which must be completed at www.hp.com/eu/bonuswarranty/ within 60 days of printer purchase. For up to 3 years of warranty. Warranty and support options vary by product, country, and local legal requirements. See: http://www.hp.com/limitedwarranty.

Footnotes

[1] Based on 2022 Q4 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2022 Q4 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multifunction devices, including production units).

[2] Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced ≤$450 USD. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker – Final Historical CYQ1 2023. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2023. For details, please see: keypointintelligence.com/HPSmartapp. Requires HP app download available at www.hp.com/go/mobileprinting. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only via mobile app. List of supported operating systems available in app stores. See details at www.hpsmart.com.

[3] HP OfficeJet Pro 8100e printer series has self-healing Wi-Fi, HP's best and most reliable wireless technology to experience uninterrupted printing. Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at www.hp.com/go/mobileprinting. HP Security is now HP Wolf Security. Security features vary by platform, please see product data sheet for details.

[4] BLI Reliability Award based on devices tested by Keypoint Intelligence from 2017 through 2021.

[5] Instant Ink is the world's first smart ink delivery service based on the number of people who have signed up for the service as of June 2023 and the date Instant Ink service was first launched compared to the launch date of top-selling competitors' comparable ink delivery services.

[6] Based on plan usage, Internet connection to eligible HP printer, valid payment method, email address, and delivery service in your geographic area.

[7] 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 color 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, as of September 2022. 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 October 2022 study commissioned by HP. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker – Final Historical 2022Q2. www.keypointintelligence.com/HPInstantInk

[8] Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink plan you can go back to using HP original Standard or XL cartridges. 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.

[9] Percentage of recycled plastic is calculated by plastic total weight.

[10] HP works collaboratively with non-profit partners to manage, restore and protect forests in many locations. With HP, every print is addressed through HP's Forest Positive framework to counteract risks of deforestation. www.hp.com/forestfirst.

[11] HP Planet Partners program availability varies. For details, see www.hp.com/hprecycle.

[12] Choose HP+ at setup to activate benefits. HP+ requires an HP account, ongoing connection to the internet, and the use of only Original HP ink for the life of the printer. More at hp.com/plus.

[13] After 3 months, a fee will be charged automatically unless cancelled. HP Instant Ink sign up required. HP Instant Ink not available in all countries. Subject to monthly page limit of 700. Must complete HP Instant Ink signup within 7 days of setting up the printer with the HP-recommended setup process as indicated in the instructions that came with your printer. Use of in-box ink cartridge is included in period of offer. Unless service is cancelled within the promotional period online at hpinstantink.com, a monthly service fee, based on the plan chosen, plus tax and overage fees will be charged to your credit/debit card. Customer will be charged for any overage fees and applicable taxes at the end of each month in the promotional period. One offer redeemable per printer. Trial offer with HP Instant Ink subject to change after 12.31.2024. Offer cannot be redeemed for cash. Setup Offer may be combined with other offers; see terms and conditions of the other offer for more details. Requires a valid credit/debit card, an email address, and Internet connection to printer. See additional offer information available during online signup process. For service details, see hpinstantink.com.

[14] Excludes first set of ISO test pages. For details, see: www.hp.com/go/printerclaims.

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