Datasheet

HP OfficeJet Pro 8128 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.



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

ISO Speed: Black: Up to 20 ppm; Color: Up to 10 color ppm
Print Resolution: Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 by 1200 optimized dpi on HP Advance Photo Paper 1200 by 1200 dpi input
Scan Resolution: Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi
Copy Resolution: Black (text and graphics): Up to 600 dpi; Color (text and graphics): Up to 600 dpi
Standard Connectivity: 1 Ethernet; 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11 a/b/g/n/ac (dual band)
Mobile Printing Capability: Chrome OS; HP app; Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ certified
Duty cycle: Monthly, letter: Up to 20,000 pages; Monthly, A4: Up to 20,000 pages
Display: 2.7" (6.86 cm) Capacitive Touchscreen CGD
Paper Handling: Input Capacities: Up to 225 sheets Standard; Output Capacities: Up to 60 sheets Standard

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]
- Help keep your home office protected from cyberthreats with HP Wolf Essential Security.[3]

Professional quality, page after page

- Print professional-looking documents with vibrant colors and sharp black text.
- Produce water-resistant, smear-resistant, and fade-resistant prints.[4]
- Scan multiple documents at once and edit them from your smartphone.[2]

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 freeedom to choose a plan that fits your needs—with the flexibility to change, pause, or cancel anytime.[6]
- Whether you print in full color 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]

[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 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, 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.

HP OfficeJet Pro 8128 All-in-One Printer Technical specifications

Functions	Print, copy, scan
Multitasking supported	Yes
Print speed[5]	**Letter:** Up to 20 ppm; **Black (ISO):** Up to 20 ppm; **Color (ISO):** Up to 10 ppm; **First page out black:** As fast as 15 sec; **First Page Out Color:** As fast as 18 sec; **Black (draft):** Up to 29 ppm; **Color (draft):** Up to 25 ppm; **Print speed Black Duplex:** Up to 10 ipm; **Print speed Color Duplex:** Up to 6 ipm
Print resolution	**Black (best):** 1200 x 1200 rendered dpi; **Color (best):** Up to 4800 x 1200 optimized dpi on HP Advance Photo Paper 1200 x 1200 dpi input
Print technology	HP Thermal Inkjet
Print resolution technologies	HP Thermal Inkjet
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Borderless printing	Yes, on Photo & brochure only (up to 8.5 x 11 in US Letter, 210x297 mm in A4)
Standard print languages	HP PCL3 GUI
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
Scan type / Scan technology	Flatbed; One-sided ADF / Contact Image Sensor (CIS)
Scan resolution	**Hardware:** Up to 1200 x 1200 dpi; **Optical:** Up to 1200 dpi
Scan file format	JPG, BMP, TIFF, PDF, RTF, TXT, PNG
Scan input modes	Front-panel scan, copy, HP Software, EWS, Mobile apps
Scan size maximum	**ADF** 8.5 x 14 in ; 215.9 x 355.6 mm ; **Flatbed** 8.5 x 11.7 in ; 215.9 x 297 mm
Scan speed	Up to 8 ppm (200 ppi, b&w), up to 3.5 ppm (200 ppi, color)
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
Bit depth / Grayscale levels	24-bit/ 256
Digital sending standard features	Scan to Email; Scan to Computer
Copy speed	**Black (ISO):** Up to 12 cpm; **Color (ISO):** Up to 6 cpm; **Black (draft):** Up to 25 cpm; **Color (draft):** Up to 17 cpm
Copy resolution	**Black (text and graphics):** Up to 600 dpi; Up to 600 dpi; **Color (text and graphics):** Up to 600 dpi
Maximum number of copies	Up to 99 copies
Copier settings	Number of Copies; Sided; Lighter/Darker; Resize; Quality; Paper Size; Paper Type; Collate
Copier resize	25 to 400%
Fax smart software features	Mobile Fax using HP app
Standard connectivity	1 Ethernet; 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11 a/b/g/n/ac (dual band)
Network capabilities	Yes, via built-in Ethernet; Wireless 802.11 a/b/g/n/ac
Wireless capability	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
Memory	**Standard:** 256 MB; **Maximum:** 512 MB DDR3 SDRAM
Processor speed	1.2 GHz/**Hard disk:** N.A.
Duty cycle[7]	**Monthly, letter:** Up to 20,000 pages; **Monthly, A4:** Up to 20,000 pages
Recommended monthly page volume	Up to 800 pages
Media types supported	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 weight supported	16 to 28 lb (plain paper); 60 to 75 lb (photo); 20 to 24 lb (envelope); 90 to 110 lb (card)
Media sizes supported	Letter; Legal; Government Legal; Executive; Statement; 4 x 6 in; 5x5 in; 5 x 7 in; 13 x 18 cm; 8 x 10 in; 10 x 15 cm; L; Photo 2L; Envelope(#10, Monarch, 5.5 bar); Card (4 x 6 in, 5 x 8 in)
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in
Paper handling	**Input Capacities:** Up to 225 sheets Standard; Up to 10 envelopes; Up to 60 sheets; Up to 225 sheets Legal **Auto Document Feeder:** Standard, 35 sheets **Output Capacities:** Up to 60 sheets Standard; Up to 10 envelopes; Up to 10 sheets; Up to 60 sheets Legal **Duplex Options:** Automatic (standard) **Envelope feeder:** No **Standard paper trays:** 1
What's in the box[8]	**C2VJ6A** HP OfficeJet Pro 8128 AiO Printer; HP 923 Setup Black Ink Cartridge (~255 pages); HP 923 Setup Cyan Ink Cartridge (~270 pages); HP 923 Setup Magenta Ink Cartridge (~270 pages); HP 923 Setup Yellow Ink Cartridge (~270 pages); Power Cord; Regulatory Flyer; Ink Caution Flyer; Setup Poster; Reference Guide;
Page yield (set-up/inbox cartridges)	~255 pages black, ~270 pages cyan, magenta, yellow composite
Replacement cartridges	HP 923 Black Original Ink Cartridge (~500 pages) 4K0T3LN; HP 923 Cyan Original Ink Cartridge (~400 pages) 4K0T0LN; HP 923 Magenta Original Ink Cartridge (~400 pages) 4K0T1LN; HP 923 Yellow Original Ink Cartridge (~400 pages) 4K0T2LN. HP EvoMore planned to be available April 2024: HP 923e EvoMore Black Original Ink Cartridge (~1,000 pages) 4K0T7LN; HP 923e EvoMore Cyan Original Ink Cartridge (~800 pages) 4K0T4LN; HP 923e EvoMore Magenta Original Ink Cartridge (~800 pages) 4K0T5LN; HP 923e EvoMore Yellow Original Ink Cartridge (~800 pages) 4K0T6LN. Actual yield varies considerably based on content of printed pages and other factors. For details, see https://www.hp.com/go/learnaboutsupplies .
Instant ink eligible	HP Instant Ink eligible. For more information visit https://www.hpinstantink.com .
Product dimensions	**W x d x h:** 18.11 x 13.29 x 9.17 in /460 x 337.5 x 233 mm ; **Maximum:** 18.11 x 20.28 x 9.17 in /460 x 515 x 233 mm
Product weight[2]	17.6 lb
Warranty features	One-Year limited hardware warranty. For more info please visit us at http://support.hp.com .
Energy efficiency compliance	EPEAT® registered
Energy star certified	Yes
Sustainable impact specifications	Contains ocean-bound recycled plastic; Recyclable through HP Planet Partners; FSC Certified Packaging
Control panel	2.7" (6.86 cm) touchscreen control panel with CGD (color graphic display); 3 buttons: (home, help, back)
Display description	2.7" (6.86 cm) Capacitive Touchscreen CGD
Software included	HP Printer Software
Web solutions	Wolf Essential Security, Scan to email, HP app
Compatible operating systems	Windows 11; Windows 10; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; Linux; Chrome OS
Compatible network operating systems	Windows 11; Windows 10; Windows Server; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; Linux; Chrome OS
Minimum system requirements	**PC:** 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
Power[3]	**Power supply type:** Internal (Built-in) Universal Power Supply; **Power requirements:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz; **Power consumption:** 4.07 watts (ready), 1.02 watts (sleep), 0.11 watts (manual-off)
Acoustics	**Acoustic power emissions:** 6.6 B(A) (printing at 16ppm); **Acoustic pressure emissions:** 60 dB(A) (printing at 16ppm)
Operating environment	**Operating temperature range:** 41 to 104°F; **Recommended operating temperature:** 59 to 90°F; **Storage temperature range:** -40 to 140°F; **Operating humidity range:** 20 to 80% RH; **Recommended humidity operating range:** 25 to 75% RH
HP Service and Support options	UZ381E - HP 2y NBD Advance Exchange OJ UL SVC; UZ382E - HP 3y NBD Advance Exchange OJ UL SVC; UZ383E - HP 4y NBD Advance Exchange OJ UL SVC; U6M47E - HP 2y Onsite Exchange OJ UL SVC; U6M48E - HP 3y Onsite Exchange OJ UL SVC; U6M49E - HP 4y Onsite Exchange OJ UL SVC
Country of origin	Thailand(1H3)

Learn more at
hp.com

[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.