Data sheet

HP OfficeJet Pro 9120b All-in-One Printer

Manage printing like a Pro.





The professional colour inkjet printer for distributed offices and hybrid workforce from the World's #1 Printer Company, paired with our best technology to help manage it all. This streamlines work into any network. Scan/copy/fax included.[1,2]

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

- Self-healing Wi-Fi
- HP Universal Print Driver
- Page Description Language
- HP Web Jetadmin
- HP Wolf Pro Security
- 22 black ppm/18 colour ppm
- 250-sheet input tray
- Automatic document feeder
- Low-on-paper sensor

Deploy. Integrate. Customise with ease.

- Easily deploy, integrate, and set up your fleet of printers across multiple locations.
- Seamlessly integrate into any network with HP Universal Print Driver and Page Description Language support.
- Customise and manage your fleet however you need with easy, remote management and enhanced feature control.

Empower your business with a productivity powerhouse

- Always ready for high volumes, get an HP OfficeJet Pro printer equipped with a 250-page input tray.
- Avoid waiting by the printer with an automatic document feeder enabling double-sided scanning.
- Speed up your printing with a fast inkjet printer - up to 22 pages per minute (PPM).[4]

Our best technology to help manage it all[2]

- Stay connected with our most reliable Wi-Fi® - dual-band, self-healing - that automatically reconnects.[2]
- Easily configure, troubleshoot, and manage networks and devices with HP Web Jetadmin.[2]
- Help keep your networks protected from cyberthreats with HP Wolf Pro Security.[2]

Driving innovation with 40% recycled plastic[5]

- Choose printers made with at least 40% recycled plastic.[5]
- For every page you print, HP protects, restores and manages forests in equal measure.[6]
- Recycle your Original HP ink cartridges after use for free with the HP Planet Partners program.[7]

Technical specifications

Functions	Print, copy, scan, fax
Print technology	HP Thermal Inkjet
Print speed	**Black (A4, ISO):** Up to 20 ppm; **Colour (A4, ISO):** Up to 16 ppm; **Draft black (A4):** Up to 32 ppm; **Draft colour (A4):** Up to 32 ppm
First page out	**Black (A4, ready):** As fast as 12 sec; **Colour (A4, ready):** As fast as 13 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 25,000 pages A4; **Recommended monthly page volume:** Up to 1500
Printer smart software features	Orientation: Portrait/Landscape/Rotate by 180 degrees; Print On Both Sides; None, Flip on Long Edge, Flip on Short Edge; Pages per sheet: 1 page per sheet/2 pages per sheet/4 pages per sheet/6 pages per sheet/9 pages per sheet/16 pages per sheet; Print Quality: HP Standard/Quick Draft/Premium/Detailed; RGB color: Printer Default/Office (sRGB)/Photo (sRGB)/Device RGB/Adobe RGB/Vivid (sRGB)/Custom RGB Printing Shortcuts; Factory Defaults; EcoSMART settings; Labels; CardStock/Heavy; Transparencies; Booklet Printing; General Everyday Printing; Page order: Front to Back/Back to Front/; Booklet Layout: Off/Left binding/Right binding;Print page borders; Special pages: Front cover/Back Cover/Print pages on different paper/Insert Blank Pages Resizing Options: Actual size/Print document on:/Scale manually Watermarks: None/Confidential/Draft/Sample/Custom Copies: Up to 99; Collate; Reverse page order; Print all text as black; Control Panel Shortcuts; HP EasyColor: Off/Conservative/Automatic Wireless
Standard print languages	HP PCL6, PCL5, native PDF, HP Postscript
Print area	**Print margins:** Top: 3.3 mm, Bottom: 3.3 mm, Left: 3.3 mm, Right: 3.3 mm; **Maximum print area**: 216 x 356 mm (Legal)
Borderless printing	Yes, on photo paper only, up to 8.5 x 11 in (US letter), 210 x 297 mm (A4)
Number of supplies	4 (1 each black, cyan, magenta, yellow)
Multitasking supported	Yes
Duplex printing	Automatic
Copy speed	**Black (A4, ISO):** Up to 19 cpm; **Colour (A4, ISO):** Up to 13 cpm
Copier specifications	**Copier settings:** Copies; Two-Sided; Lighter/Darker; HP Copy Fix; ID Copy; Resize; Quality; Paper Size; Paper Type; Collate; Margin Shift; Crop; Copy Preview; Tray Select; Enhancements; **Maximum number of copies:** Up to 99 copies; **Copy resolution:** Up to 600 dpi; **Reduce/Enlarge:** 25 to 400%
Copier smart software features	Duplex copy, ID Copy, Resolution adjustment, Reduce / enlarge settings, Infinity glass for easy document removal.
Scan speed	**Normal (A4):** Up to 8 ipm (200 ppi, b&w); up to 8 ipm (200 ppi, color); **Duplex (A4):** Up to 4 ipm (200 ppi, b&w); Up to 4 ipm (200 ppi, color)
Scan file format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)
Scanner specifications	**Scanner type:** Flatbed, ADF; **Scan input modes:** Front-panel scan, copy, fax, or from software; **Twain version:** Version 2.4; **Scan size maximum (flatbed):** 215.9 x 297 mm; **Scan size maximum (ADF,metric):** 215 x 355mm; **Optical scan resolution:** Up to 1200 dpi
Scanner advanced features	Dual pass two sided scanning with Auto Document Feeder
Scannable area	**Maximum media size (flatbed):** 215.9 x 297 mm; **Minimum media size (ADF):** 127 x 127 mm; **Maximum media size (ADF):** 215 x 355mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	**Standard:** Scan-to E-mail; Fax Archive to E-mail
Fax	Yes, color Synaptics Troy modem; Data rate up to 33.6 kbps
Fax specifications	**Fax memory:** Up to 100 pages; **Fax resolution:** Standard: 200 x 100 dpi;
Processor speed	1.2 Ghz
Connectivity	**Standard:** 1 Ethernet; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11 a/b/g/n/ac (dual band); 2 RJ-11 Fax/Modem port/phone line
Wireless	Yes, with built-in dual-band Wi-Fi 802.11 a/b/g/n/ac and a self-heal solution
Mobile printing capability	Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ certified
Network capabilities	Yes, via built-in Ethernet; Wireless 802.11a/b/g/n/ac
Hard disk	No hard disk
Memory	**Standard:** 512MB
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 250 sheets **ADF:** Standard, 35 sheets **Envelopes:** Up to 30 envelopes **Labels:** Up to 50 sheets **Cards:** Up to 50 cards
Output capacity	**Standard:** Up to 60 sheets **Envelopes:** Up to 10 envelopes **Labels:** Up to 30 sheets **Cards:** Up to 30 cards
Compatible operating systems	Windows 11; Windows 10; Windows Server; macOS 11 Big Sur; Chrome OS; Linux; macOS 12 Monterey; macOS 13 Ventura
Minimum system requirements	**Windows:** Windows 10,11: 32-bit or 64-bit, 2 GB HD, Internet required, Internet Explorer or Edge **Mac:** Apple macOS v11Big Sure, macOS v12 Monterey, macOS v13 Ventura, 2 GB HD, Internet required
Software included	HP Printer Software
Printer dimensions (W x D x H)	**Minimum:** 439.3 x 342.5 x 278 mm (Minimum Storage Mode); **Maximum:** 439.3 x 519.8 x 278 mm (Output Tray Extend)
Package dimensions (W x D x H)	487 x 325 x 409 mm
Printer weight	~9.29 kg
Package weight	11.35 kg
Operating environment	**Temperature:** 5 to 40ºC **Humidity:** 25 to 75% RH
Storage conditions	**Temperature:** -40 to 60ºC
Acoustics	**Acoustic power emissions:** 6.7 B(A) (printing at 18ppm) **Acoustic pressure emission:** 60 dB(A) (printing at 18ppm)
Power	**Requirements:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz ; **Consumption:** 5.06 watts (ready), 1.22 watts (sleep), 0.14 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 IT ECO Declaration; EPEAT® registered; ENERGY STAR® certified
Sustainable impact specifications	Recyclable through HP Planet Partners; Forest First product
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	**4V2N0B:** HP OfficeJet Pro 9120b All-in-One Printer; HP 937 Setup Black Ink Cartridge (~800 pages); HP 937 Setup Cyan Ink Cartridge (~420 pages); HP 937 Setup Magenta Ink Cartridge (~420 pages); HP 937 Setup Yellow Ink Cartridge (~420 pages). Regulatory Flyer; Ink Caution Flyer; Power Cord; Setup Poster; Reference Guide. [Actual yield varies considerably based on content of printed pages and other factors. For details, see https://www.hp.com/go/learnaboutsupplies]
Supplies, After market or Supplies, replacement	**4S6W2NE** HP 937 Cyan Original Ink Cartridge (800 standard pages in accordance with ISO/IEC 19752) **4S6W3NE** HP 937 Magenta Original Ink Cartridge (800 standard pages in accordance with ISO/IEC 19752) **4S6W4NE** HP 937 Yellow Original Ink Cartridge (800 standard pages in accordance with ISO/IEC 19752) **4S6W5NE** HP 937 Black Original Ink Cartridge (Average cartridge yields 1,250 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
Service and Support	**UG199E** HP 3 years Standard Exchange (available in All EU countries except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey) **UG076E** HP 3 years Next Business Day Exchange (available in Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK) **UG279E** HP 3 Years Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey)
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.

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] HP OfficeJet Pro 9100b printer series has dual-band, self-healing Wi-Fi, HP Wolf Pro Security and HP Web Jetadmin, HP's best technologies to seamlessly and securely support your IT business needs. 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.
[3] BLI Reliability Award based on devices tested by Keypoint Intelligence from 2017 through 2021.
[4] Excludes first set of ISO test pages. For details, see: www.hp.com/go/printerclaims .
[5] Percentage of recycled plastic is calculated by plastic total weight.
[6] 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 .
[7] HP Planet Partners program availability varies. For details, see www.hp.com/hprecycle .

© Copyright 2023 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

gb-en December 2023