Data sheet

HP OfficeJet Pro 9023 All-in-One Printer

The ultimate in productivity: rapid speeds, full-ream paper capacity





A revolutionary smart printer – even for high-volume jobs. Help save time with Smart Tasks shortcuts,[1] and get one-pass, two-sided scanning. Print and scan from your phone,[1] and count on seamless connections and best-in-class security.[2,3]

This printer uses dynamic security, which may be updated periodically by firmware updates. The printer is intended to be used solely with cartridges using an original HP chip. Cartridges using a non-HP chip may not function or may cease to function. More at: Learn more at: http://www.hp.com/learn/ds

Highlights

- 3-year HP warranty at no extra cost
- Print, copy, scan, fax
- Up to 24 ppm black, up to 20 ppm colour
- Automatically scan both sides of page at the same time
- Create editable, searchable documents with Smart Tasks
- 2 x 250-sheet input tray, 100-sheet output tray
- Single pass two-sided scanner

Designed to save you time

- Eliminate steps in repetitive tasks, using Smart Tasks.[1] Scan to the cloud, email, and more – in a tap.[1]
- Create editable, searchable documents scanning from your phone or printer, using Smart Tasks.[1]
- Work fast and hands-free with the 35-page auto-feeder. Quickly scan both sides of a page at once.
- Take on high-volume jobs with confidence, using two 250-sheet paper trays that fit a full ream of paper.

Freedom to work anywhere

- Connect to cloud-based printing with Wi-Fi™ or your cellular network to print from anywhere.[1]
- Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive.[1]
- Get high-quality scanning, and share to Dropbox, Google Drive, email, or the cloud – from virtually anywhere.[1]
- Get notifications when printing, scanning, or copying from your smartphone.[1]

Best-in-class security,[3] reliable connections

- Reduce interruptions with self-healing Wi-Fi™ that keeps you connected.[2]
- Get best-in-class security to help protect devices, data, and documents.[3]
- Count on chatbot support and helpful notifications with the HP Smart app.[1]
- Easily share resources – access and print with wireless and Ethernet networking.[2]

Ordering ink has never been easier

- Print more pages and change cartridges less often with Original HP high-yield cartridges.[4]
- Create vibrant, professional-quality colour graphics, ideal for office use and presentations.
- Get rich black text for all your business documents.

Technical specifications

Functions	Print, copy, scan, fax
Print technology	HP Thermal Inkjet
Print speed	**Black (A4, ISO):** Up to 24 ppm; **Colour (A4, ISO):** Up to 20 ppm; **Draft black (A4):** Up to 39 ppm; **Draft colour (A4):** Up to 39 ppm
First page out	**Black (A4, ready):** As fast as 9 sec; **Colour (A4, ready):** As fast as 10 sec;
Print resolution	**Black (best):** 1200 x 1200 rendered dpi; **Colour (best):** Up to 4800 x 1200 optimised dpi on HP Advance Photo Paper 1200 x 1200 dpi input;
Monthly duty cycle	Up to 30,000 pages A4; **Recommended monthly page volume:** Up to 2,000
Printer smart software features	Orientation: Portrait/Landscape; Print on Both Sides: None/Flip on Long Edge/Flip on Short Edge; Page Order: Front to Back/Back to Front; Pages per Sheet: 1, 2, 4, 6, 9, 16; Quality Settings: Draft/Normal/Best; Printing Shortcuts; Print in Grayscale: Off/High Quality Grayscale/Black Ink Only; Pages per Sheet Layout: Right then Down/Down then Right/Left then Down/Down then Left; Print in Max DPI: No/Yes; HP Real Life Technologies: Off/On; Booklet: None/Booklet-Left Binding/Booklet-Right Binding; Pages to Print: Print All Pages/Print Odd Pages Only/Print Even Pages Only; Borderless Printing: Off/On; Page Borders: Off/On
Standard print languages	HP PCL3 GUI
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
Borderless printing	Yes, on photo paper only, 210 x 297 mm (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 23 cpm; **Colour (A4, ISO):** Up to 17 cpm
Copier specifications	Number of 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%
Scan speed	**Normal (A4):** Up to 15 ipm (200 ppi, black and white); Up to 8 ipm (200 ppi, colour); **Duplex (A4):** Up to 15 ipm (200 ppi, black and white); up to 6 ipm (200 ppi, colour)
Scan file format	JPG, BMP, TIFF, PDF, RTF, TXT, PNG
Scanner specifications	**Scanner type:** Easy slide-off glass, single-pass 2-sided ADF; **Scan input modes:** Front-panel scan, copy, HP Software, EWS, Mobile apps; **Twain version:** Version 2.1; **Scan size maximum (flatbed):** 215.9 x 297 mm; **Optical scan resolution:** Up to 1200 dpi
Scanner advanced features	OCR (Optical Character Recognition); Smart Taks shortcuts: 1-click customizable scan to cloud destinations, email, print, create editable, searchable documents by scanning from phone or printer; Smart Tasks destinations: Dropbox, Google Drive, One drive, email recipients, print; Scan both sides of page at once
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 E-mail; Scan to network folder; Scan to SharePoint; Scan to thumb drive;
Fax	Yes, colour,
Fax specifications	**Fax memory:** Up to 100 pages; **Fax resolution:** Standard: 203 x 98 dpi; Fine: 203 x 196 dpi, 256 levels of grey;
Fax smart software features	Digital Fax; Fax to PC is available with Windows; Visit http://www.hp.com/support to download the latest software
Processor speed	1.2 GHz
Connectivity	**Standard:** 1 USB 2.0; 1 Host USB; 1 Ethernet; 1 Wireless 802.11a/b/g/n; 2 RJ-11 modem ports;
Wireless	Yes, built-in WiFi 802.11a/b/g/n
Mobile printing capability	Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ Certified; HP Smart
Network capabilities	Yes, via built-in Ethernet; Wireless 802.11a/b/g/n
Memory	**Standard:** 512 MB; **Maximum:** 512 MB
Number of paper trays	**Standard:** 2; **Maximum:** 2
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: N/A. Tray 2: 76.2 x 127 to 215.9 x 355.6 mm **Supported (metric):** A4, A5, A6, B5(JIS), Card (A4, Hagaki, Ofuku Hagaki); Photo (13 x 18 cm, 10 x 15 cm); Envelope (A2, C5, C6, DL)
Input capacity	**Standard:** Up to 250 sheets **Maximum:** Up to 500 sheets **ADF:** Standard, 35 sheets
Output capacity	**Standard:** Up to 100 sheets Envelopes: Up to 10 envelopes Labels: Up to 30 sheets Cards: Up to 30 cards **Maximum:** Up to 100 sheets
Compatible operating systems	Windows 10, 8.1, 8, 7, Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016
Minimum system requirements	**Windows:** Windows 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer **Mac:** OS X v10.11 El Capitan; macOS Sierra v10.12 (previously OS X); macOS High Sierra v10.13; macOS Mojave v10.14; 1.5 GB available hard disk space; Internet access
Software included	HP Printer Software, shop for Supplies Online
Printer dimensions (W x D x H)	**Minimum:** 437 x 396.3 x 318.3 mm; **Maximum:** 437 x 547 x 318.3 mm;
Package dimensions (W x D x H)	496 x 377 x 489 mm
Printer weight	11.66 kg
Package weight	14.2 kg
Operating environment	**Temperature:** 5 to 40°C **Humidity:** 25 to 75% RH
Storage conditions	**Temperature:** -40 to 60°C
Acoustics	**Acoustic power emissions:** 7.0 B(A) (printing at 21 ppm)
Power	**Requirements:** Input voltage: 240 VAC (+/- 10%), 50/60 Hz; **Consumption:** Up to 30 watts (Printing), 5.80 watts (Ready), 1.22 watts (Sleep), 0.08 watts (Manual-Off); **Typical Electricity Consumption (TEC):** 0.258 kWh/Week; **Power supply type:** Internal (Built-in) Universal Power Supply;
Certifications	CISPR 32:2012/EN 55032:2012 Class B; CISPR 24:2010/EN 55024:2010; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 301 489-1 (V2.1.1:2017), EN 301 489-17 (V3.1.1 2017)
Country of origin	Made in Thailand
Control panel	6.86 cm (2.7 inch) touchscreen control panel with CGD (Colour Graphic Display); 3 buttons: home, help, back
What's in the box	**1MR70B:** HP OfficeJet Pro 9023 All-in-One Printer; HP 963 Setup Black Ink Cartridge (~1,000 pages); HP 963 Setup Cyan Ink Cartridge (~700 pages); HP 963 Setup Magenta Ink Cartridge (~700 pages); HP Setup 963 Yellow Original Ink Cartridge (~700 pages); Regulatory Flyer; Ink Caution Flyer; Power Cord; Setup Poster; Reference Guide. For more information about fill and yield, see http://www.hp.com/go/learnaboutsupplies
Supplies	**3JA23AE** HP 963 Cyan Original Ink Cartridge **3JA24AE** HP 963 Magenta Original Ink Cartridge **3JA25AE** HP 963 Yellow Original Ink Cartridge **3JA26AE** HP 963 Black Original Ink Cartridge **3JA27AE** HP 963XL High Yield Cyan Original Ink Cartridge **3JA28AE** HP 963XL High Yield Magenta Original Ink Cartridge **3JA29AE** HP 963XL High Yield Yellow Original Ink Cartridge **3JA30AE** HP 963XL High Yield Black Original Ink Cartridge **3JA31AE** HP 967XL High Yield Black Original Ink Cartridge **3YP35AE** HP 963XL 4-pack High Yield Black/Cyan/Magenta/Yellow Original Ink Cartridges
Service and Support	**U6M82E** HP 3 years Care Pack with Standard Exchange for OfficeJet Pro Printers - Ultra High **U6M87E** HP 3 years Care Pack with Return for Repair Hardware Support for OfficeJet Pro Printers - Ultra High (U6M82E: all EMEA countries except Nordics, ME, Africa, South Africa, Israel, Turkey, U6M87E: ME, Africa, South Africa, Israel, Turkey)
Warranty	One-year limited hardware warranty; Possibility to get 3 years warranty upon customer registration, under T&Cs http://www.hp.com/eu/warrantyextension; 24-hour, 7 days a week Web support; Business hour phone support within warranty period

Footnotes

[1] Requires the HP Smart app download. For details on local printing requirements see http://hp.com/go/mobileprinting.
[2] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.
[3] Compared to the majority of competing in-class consumer colour desktop inkjet all-in-ones <€299. Keypoint Intelligence - Buyers Lab 2018 research study commissioned by HP based on research survey of printer manufacturers' published specifications, sustainability reports, and press releases as of 12/15/2018 and not confirmed by lab testing. Market share as reported by IDC CYQ3 2018 Hardcopy Peripherals Tracker, 2018Q3 Release. AiO with best in-class security features based on review of published embedded security features of competitive in-class models and defined as offering business-class, multi-point security, including but not limited to: encryption at the level of data, device, network, document; enterprise-class Wi-Fi security; and secure printing. For more details, see http://www.keypointintelligence.com/HPOfficeJetPro.
[4] Based on HP 962XL High Yield Black and colour Original Ink Cartridges. High-yield ink cartridges not included; purchase separately. For more information, see http://hp.com/go/learnaboutsupplies. Less cost per page compared with manufacturer recommended street price and published page yield of standard-yield HP 962 Original Ink Cartridges. Actual pricing may vary.

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