

# HP OfficeJet Pro 9023 All-in-One Printer (1MR70B)



## Help save time with Smart Tasks,[1] one-pass, two-sided scanning and best-in-class security.[5]

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.[2,5]



### 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]

### Freedom to work anywhere

Connect to cloud-based printing with Wi-Fi™ or your cellular network to print from anywhere.[1]

### Best-in-class security,[5] reliable connections

Reduce interruptions with self-healing Wi-Fi™ that keeps you connected.[2]

### Featuring

Customizable shortcuts on your phone or printer

Create editable, searchable documents

Two-sided. Hands-free. Auto-fed

Print at high volumes with dual-tray capacity

Ready when you are

Printing just got more productive



## Specifications

<b>Print Resolution Technologies</b>	HP Thermal Inkjet
<b>Print quality black (best)</b>	1200 x 1200 rendered dpi
<b>Print quality color (best)</b>	Up to 4800 x 1200 optimized dpi on HP Advance Photo Paper 1200 x 1200 dpi input
<b>Print speed black (ISO, A4)</b>	Up to 24 ppm
<b>Print speed black (ISO, letter)</b>	Up to 24 ppm
<b>Print Speed Color (ISO)</b>	Up to 20 ppm
<b>Print speed color (ISO)</b>	Up to 20 ppm
<b>Print speed</b>	Print speed up to 24 ppm (black) and 20 ppm (color)
<b>Functions</b>	Print, copy, scan, fax
<b>Duplex printing</b>	Automatic (standard)
<b>Duty cycle (monthly, A4)</b>	Up to 30,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 30,000 pages <sup>[7]</sup>
<b>Printer smart software features</b>	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
<b>Scanner advanced features</b>	OCR (Optical Character Recognition); Smart Taks shortcuts: 1-click customizable scan to cloud destinations, email, and print, create editable, searchable documents by scanning from phone or printer; Smart Tasks destinations: Dropbox, Google Drive, One drive, email recipients, print
<b>Fax smart software features</b>	Digital Fax - Fax to PC is available with Windows (Please use: Visit <a href="http://www.hp.com/support">http://www.hp.com/support</a> to download the latest software.)
<b>Energy savings feature technology</b>	Schedule On and Schedule Off
<b>Replacement cartridges</b>	HP 963 Black Original Ink Cartridge (~1,000 pages) 3JA26AE; HP 963 Cyan Original Ink Cartridge (~700 pages) 3JA23AE; HP 963 Magenta Original Ink Cartridge (~700 pages) 3JA24AE; HP 963 Yellow Original Ink Cartridge (~700 pages) 3JA25AE; HP 963XL Black Original Ink Cartridge (2,000 pages) 3JA30AE; HP 963XL Cyan Original Ink Cartridge (1,600 pages) 3JA27AE; HP 963XL Magenta Original Ink Cartridge (1,600 pages) 3JA28AE; HP 963XL Yellow Original Ink Cartridge (1,600 pages) 3JA29AE; HP 967XL Black Original Ink Cartridge (3,000 pages) 3JA31AE. Actual yield varies considerably based on content of printed pages and other factors. For details see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a>
<b>Connectivity, standard</b>	1 USB 2.0; 1 Host USB; 1 Ethernet; 1 Wireless 802.11b/g/n; 2 RJ-11 modem ports
<b>Connectivity, optional</b>	No
<b>Network capabilities</b>	Yes, via built-in Ethernet, wireless 802.11b/g/n
<b>Wireless capability</b>	Yes
<b>Mobile printing capability</b>	Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ Certified; HP Smart
<b>Network protocols, supported</b>	9100, LPR, SNMP, SLP, Internet Printing Protocol (IPP), WS-Print, Wireless
<b>Software included</b>	HP Printer Software, Shop for Supplies Online
<b>Compatible Operating Systems</b>	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 (Windows XP and Windows Vista not supported)
<b>ENERGY STAR® certified</b>	Yes
<b>Copy speed black (best, A4)</b>	Up to 5 cpm
<b>Copy speed black (best, letter)</b>	Up to 5 cpm
<b>Copy speed color (best, A4)</b>	Up to 4 cpm
<b>Copy speed color (best, letter)</b>	Up to 4 cpm
<b>Digital sending standard features</b>	Scan-to E-mail; Scan to network folder; Scan to SharePoint; Scan to thumb drive
<b>Fax Resolution Black (best)</b>	Up to 300 x 300 dpi
<b>Faxing</b>	Yes, color
<b>Scan speed (normal, A4)</b>	Up to 15 ipm (200 ppi, b&w); Up to 8 ipm (200 ppi, color)
<b>Scan speed (normal, letter)</b>	Up to 15 ipm (200 ppi, b&w); Up to 8 ipm (200 ppi, color)
<b>Scan file format</b>	JPG, BMP, TIFF, PDF, RTF, TXT, PNG

<b>Scan input modes</b>	Front-panel scan, copy, fax; Software; Mobile apps
<b>Scan technology</b>	Contact Image Sensor (CIS)
<b>Scanner type</b>	Easy slide-off glass, single-pass ADF
<b>Display</b>	2.65 in (6.75 cm) Touchscreen CGD (color graphics)
<b>Minimum dimensions (W x D x H)</b>	437 x 396.3 x 318.3 mm
<b>Minimum dimensions (W x D x H)</b>	17.20 x 15.60 x 12.53 in
<b>Weight</b>	12.02 kg
<b>Weight</b>	26.44 lb
<b>Power consumption</b>	Up to 30 watts (printing), 5.80 watts (ready), 1.22 watts (sleep), 0.08 watts (manual-Off) <sup>[3]</sup>
<b>Power supply type</b>	Internal (Built-in) Universal Power Supply
<b>What's in the box</b>	HP OfficeJet Pro 9023 All-in-One Printer; HP 963 Setup Black Ink Cartridge; HP 963 Setup Cyan Ink Cartridge; HP 963 Setup Magenta Ink Cartridge; HP Setup 963 Yellow Original Ink Cartridge; No CD Flyer; Ink Caution Flyer; Power Cord; Setup Poster; Reference Guide <sup>[8]</sup>
<b>Warranty</b>	One-year limited hardware warranty; 24-hour, 7 days a week Web support; business hour phone support within warranty period

## Accessories and services

No Recommended Accessories and Services

## Messaging 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®.

[5] Compared to the majority of competing in-class consumer color desktop inkjet all-in-ones <\$299 USD. 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>.

## Technical Specifications Footnotes

[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.

[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/learnaboutesupplies> for setup cartridges click on Setup supplies link on the same page.

