

Overview

Help save time with Smart Tasks.[1] Get automatic two-sided printing and self-healing Wi-Fi™.[2]

The productive smart printer that gets work done. Help save time with Smart Tasks shortcuts,[1] and get automatic two-sided printing. Print and scan from your phone,[1] and count on seamless connections and best-in-class security.[2,3]

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,[3] reliable connections

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

Ordering ink has never been easier

Print more pages and change cartridges less often with Original HP high-yield cartridges. [4]

Features



Customisable shortcuts on your phone^[1]



Hands-free. Auto-fed



Ready when you are^[1]



Printing just got more productive^[1]





Amazing scanning, now on your smartphone^[1]

Your reliable connection^[2]

- [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.
- [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®.

Specifications

Print Resolution Technologies	HP Thermal Inkjet
Print quality black (best)	1200 x 1200 rendered dpi
Print quality color (best)	Up to 4800 x 1200 optimized dpi on HP Advance Photo Paper 1200 x 1200 dpi input
Print speed black (ISO, A4)	Up to 20 ppm
Print Speed Color (ISO)	Up to 10 ppm
Print speed	Print speed up to 20 ppm (black) and 10 ppm (colour)
Functions	Print, copy, scan, fax
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 20,000 pages
Duty cycle (monthly, letter)	Up to 20,000 pages ^[7]
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 Greyscale: Off/High Quality Greyscale/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
Fax smart software features	Digital Fax - Fax to PC is available with Windows (Please visit http://www.hp.com/support to download the latest software).
Energy savings feature technology	Schedule On and Schedule Off
Replacement cartridges	HP 912 Black Original Ink Cartridge (~300 pages) 3YL80AE; HP 912 Cyan Original Ink Cartridge (~315 pages) 3YL77AE; HP 912 Magenta Original Ink Cartridge (~315 pages) 3YL78AE; HP 912 Yellow Original Ink Cartridge (~315 pages) 3YL79AE; HP 912XL Black Original Ink Cartridge (~825 pages) 3YL84AE; HP 912XL Cyan Original Ink Cartridge (~825 pages) 3YL81A; HP 912XL Magenta Original Ink Cartridge (~825 pages) 3YL82A; HP 912XL Yellow Original Ink Cartridge (~825 pages) 3YL83A; HP 917XL Black Original Ink Cartridge (~1,500 pages) 3YL85AE; Actual yield varies considerably based on content of printed pages and other factors; For details please see http://www.hp.com/go/learnaboutsupplies
Connectivity, standard	1 USB 2.0; 1 Ethernet; 1 Wireless 802.11 a/b/g/n; 1 RJ-11 Fax
Network capabilities	Yes, via built-in Ethernet; Wireless 802.11 a/b/g/n
Wireless capability	Yes, built-in Wi-Fi 802.11 a/b/g/n
Mobile printing capability	Chrome OS; Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ Certified
Network protocols, supported	9100; LPR; SNMP; SLP; Internet Printing Protocol (IPP); WS-Print; Wireless
Software included	HP Printer Software; Shop for Supplies Online

Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 7; Windows Server; ChromeOS (Windows XP and Windows Vista not supported)
Energy star certified	No
Copy speed black (best, A4)	Up to 3 cpm
Copy speed color (best, A4)	Up to 2 cpm
Digital sending standard features	Scan to PC
Fax Resolution Black (best)	Up to 300 x 300 dpi
Faxing	Yes, colour
Scan speed (normal, A4)	Up to 8 ppm (200 ppi, black and white), Up to 3.5 ppm (200 ppi, colour)
Scan file format	JPG, BMP, TIFF, PDF, RTF, TXT, PNG
Scan input modes	Front-panel scan, copy, HP Software, EWS, Mobile apps
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, 1-sided ADF
Display	6.86 cm (2.7 in) Capacitive Touchscreen CGD
Minimum dimensions (W \times D \times H)	460 x 341.2 x 234 mm
Weight	8.2 kg
Power consumption	Up to 21 watts (printing), 5.80 watts (ready), 1.00 watts (sleep), 0.08 watts (manual-off) $^{[3]}$
Power supply type	Internal (Built-in) Universal Power Supply
What's in the box	HP OfficeJet Pro 8023 All-in-One Printer; HP 912 Setup Black Ink Cartridge; HP 912 Setup Cyan Ink Cartridge; HP 912 Setup Magenta Ink Cartridge; HP 912 Setup Yellow Ink Cartridge; User guide; Setup poster; Power cord; For ink volume and page yield information, please visit http://www.hp.com/go/learnaboutsupplies. [8]
Manufacturer 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

Additional specifications

Acoustic power emissions (active copy)	6.7 B(A) (copying at 7 ppm with ADF running)
Acoustic power emissions (active scan)	5.8 B(A)
Acoustic power emissions (active, printing)	6.8 B(A) (printing at 16 ppm)
Acoustic power emissions (ready)	2.5 B(A)
Acoustic pressure emissions	62 dB(A) (printing at 17 ppm)
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 35 sheets
Automatic paper sensor	No
Bit depth	24-bit
Borderless printing	Yes, on photo paper only (210 x 297 mm)
Bottom margin (A4)	2.9 mm
Business filter	cMPS
Cable included	No, please purchase USB cable, and phone cord separately
Camera phone description	Direct photo printing from camera phones with HP Smart App; Airprint™; Wireless Direct
Camera phone supported	Yes
Cartons per layer	6
Color copy capability	Yes
Color or black	Color
Color scanning	Yes
Color(s) of printing supplies	Black, cyan, magenta, yellow
Compatible Network Operating Systems	Windows 10, 8.1, 8, 7: 32/64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer; OS X v10.11 El Capitan; macOS Sierra v10.12 (previously OS X); macOS High Sierra v10.13; 1.5 GB available hard disk space; Internet access Linux. For more information, see http://www.hplipopensource.com/hplip-web/index.html
Component type	Printer
Connection type	Wireless
Control panel	6.86 cm (2.7 inch) touchscreen control panel with CGD (colour graphic display); 3 buttons: home, help, back

Copier settings	Number of Copies; Two-Sided; Lighter/Darker; ID Copy; Resize; Quality; Paper Size; Paper Type; Collate; Margin Shift; Crop; Copy Preview; Enhancements
Copies, maximum	Up to 99 copies
Copy Speed Black (maximum, A4)	Up to 29 cpm
Copy Speed Color (maximum, A4)	Up to 23 cpm
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black graphics)	Up to 600 dpi
Copy resolution (black text)	Up to 600 dpi
Copy resolution (color text and graphics)	Up to 600 dpi
Copy speed black (ISO)	Up to 13 cpm
Copy speed color (ISO)	Up to 7 cpm
Count of layers in pallet	5
Country of origin	Made in Thailand
Datasheet photo 1	Publication photos/HP OfficeJet Pro 8023 AiO Printer_Malbec_1KR64B_main.jpg
Datasheet photo 2	Publication photos/HP OfficeJet Pro 8023 AiO Printer_Malbec_1KR64B_secondary1.jpg
Datasheet publication number	4AA7-4734
Dimensions with trays up (W \times D \times H)	460 x 375.8 x 233 mm
Distinctive ring detection supported	Yes
Duty cycle note	Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP Color InkJet devices.
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	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)
Engine life	25000
Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
Fax Auto Redial	Yes
Fax Broadcast Locations	20
Fax Memory Note	Based on standard ITU-T test image at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Fax Modem Speed	Synaptics Troy modem; Data rate up to 33.6kbps
Fax PC Interface Supported	Yes, PC fax send and archive

Fax Polling	No
Fax Speed Dials, Maximum Number	Up to 99 numbers
Fax Transmission Speed	4 sec per page
Fax Transmission Speed Note	Based on standard ITU-T test image at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Fax delayed sending	Yes
Fax forwarding	Yes
Fax memory	Up to 100 pages
Fax phone features	Colour fax; Auto reduction; No answer redial; Speed dial; Group speed dial; Junk fax blocker; Fax forwarding (black only); Distinctive ring; Delayed send (black only); Scan and fax; PC fax send and Fax to PC; Fax volume (off/soft/loud); CID
Fax resolution black	203 x 196 dpi
Fax resolution color (fine)	200 x 200 dpi
Fax resolution color (standard)	200 x 200 dpi
Fax telephone mode supported	No
Faxing options (ADF)	Single-sided
File Format Supported	PDF; TIFF; JPEG
Finished output handling	Sheet feed
First copy out black (letter)	As fast as 18 sec
First copy out color (letter)	As fast as 12 sec
First page out black (A4, ready)	As fast as 13 sec
First page out black (letter, ready)	As fast as 13 sec
First page out color (A4, ready)	As fast as 17 sec
First page out color (letter, ready)	As fast as 17 sec
Image scaling or enlargement range	25 to 400%
Ink types	Pigment-based (black and colour)
Input capacity	Up to 225 sheets
Junk fax barrier	Yes, requires Caller ID
Left margin (A4)	2.9 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	256 MB DDR3 SDRAM
Maximum dimensions (W \times D \times H)	460 x 511.25 x 233 mm

Maximum input capacity (10x15cm photos)	Up to 60 sheets
Maximum input capacity (4x6 photo)	Up to 60 sheets
Maximum input capacity (cards)	Up to 60 sheets
Maximum input capacity (photo paper)	Up to 60 sheets
Maximum input capacity (sheets)	Up to 225 sheets
Maximum output capacity (cards)	Up to 10 sheets
Maximum output capacity (envelopes)	Up to 10 envelopes
Maximum output capacity (photo paper)	Up to 10 sheets
Maximum output capacity (sheets)	Up to 60 sheets
Maximum print area	210 x 297 mm
Media sizes supported	A4; A5; A6; B5(JIS); Executive; Index card A4; 13 x 18 cm; 10 x 15 cm; Photo 2L; Statement; Envelope #10; Envelope C5; Envelope C6; Envelope DL; Envelope Monarch Envelope Chou #4
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm
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 weight, recommended	60 to 105 g/m² (plain); 220 to 280 g/m² (photo); 75 to 90 g/m² (envelope); 163 to 200 g/m² (card)
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)
Memory	256 MB
Minimum System Requirements	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
Minimum System Requirements for Macintosh	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
Model number	8023
Multitasking supported	Yes
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Number of users	1-5 Users
On anating a altitude	2000
Operating altitude	3000 m
Operating attitude Operating humidity range	20 to 80% RH

Output capacity	Up to 60 sheets
Package dimensions (W x D x H)	506 x 298 x 408 mm
Package weight	10.4 kg
Page yield (set-up/inbox cartridges)	~ 255 pages Black, ~ 270 pages Cyan, Magenta,Yellow composite yields
Pallet dimensions (W x D x H)	1200 x 1000 x 2196 mm
Pallet weight	334 kg
Paper handling input, standard	225 sheet input tray, 35 sheet ADF
Paper handling output, standard	60 sheet output tray
Paper trays, maximum	1
Paper trays, standard	1
Plug and play	Auto Wireless Connect
Power	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz
Print Technology	Ink
Print colors	Yes
Print colors maximum	4
Print head nozzles	1760
Print heads	4 (1 each black, cyan, magenta, yellow)
Print languages	HP PCL3 GUI
Print speed black (ISO)	Up to 20 ppm
Print speed black (best, A4)	Up to 3 ppm
Print speed black (draft, A4)	Up to 29 ppm
Print speed color (ISO)	Up to 10 ppm
Print speed color (draft, 10x15 photo)	As fast as 49 sec
Print speed color (draft, A4)	Up to 25 ppm
Print speed duplex (A4)	Up to 10 ipm
Print speed duplex (A4)	Up to 7 ipm
Print speed duplex (draft, A4)	Up to 13 ipm
Print speed duplex (draft, A4)	Up to 14 ipm
Print technology	HP Thermal Inkjet
Printer Management	Embedded Web Server
Printer black pages (MPV black)	480
Printer color pages (MPV color)	320
Printer drivers included	HP PCL3 GUI
Processor speed	1.2 GHz

Product color	Light Basalt
Product short name specifications	HP OfficeJet Pro 8023 All-in-One Printer, Color, Printer for Home, Print, copy, scan, fax, 35-sheet ADF; Scan to email; Two-sided printing
Quantity per pallet	30
Recommended Macintosh system requirements	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
Recommended monthly page volume	Up to 800 pages
Recommended operating humidity range	20 to 75% RH
Recommended operating temperature range	15 to 32℃
Resolution (black and white, standard mode)	203 x 98 dpi
Resolution (black photo grayscale)	203 x 196 dpi
Right margin (A4)	2.9 mm
Safety	IEC 60950-1:2005 (2nd Edition) Am1:2009+Am2:2013/EN 60950- 1:2006+A11:2009+A1:2010+A12:2011+A2:2013; IEC62368-1:2014 (2nd Edition)/EN62368-1:2014+A11:2017; UL 62368-1: 2nd Edition; German GS
Scan resolution, hardware	Up to 1200 x 1200 dpi
Scan resolution, optical	Up to 1200 dpi
Scan size (ADF), maximum	215.9 x 355.6 mm
Scan size (ADF), minimum	127 x 127 mm
Scan size, maximum	215.9 x 297 mm
Security management	SSL/TLS (HTTPS); IPP over TLS; 802.1x Authentication for Ethernet (PEAP and EAP-TLS); WPA2-Enterprise; WPA2-Personal; Certificates configuration; Control panel lock; Password protect EWS; Unused protocol and service disablement; Signed firmware; Administrator settings
Segment (filter)	Home
Send to email capability	No
Service & support features	HP Support Center (online web support); Print Scan Doctor
Service & support options	Free telephone support for basic setup, installation, and troubleshooting in Europe during warranty; Optional HP Supportpack for 4-hour response during standard business hours; Optional HP Supportpack for 24 hours a day, 7 days a week; Optional HP Supportpack for Comprehensive Technical Support
Standard input capacity (cards)	Up to 60 sheets
Standard input capacity (envelopes)	Up to 10 envelopes
Standard media sizes (duplex)	A4; B5; Not supported for borderless photo
Standard output capacity (cards)	Up to 10 sheets

Standard output capacity (envelopes)	Up to 10 envelopes
Storage altitude	4500 m
Storage temperature range	-40 to 60°C
System requirements, recommended	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
Target user and print volume	For teams up to 5 users; Prints up to 800 pages/month
Technology logo 2	Publication logos/windows 10_logo_EMEA.jpg
Technology logo 3	Publication logos/MacOSX_Universal_new.jpg
Technology logo 5	Publication logos/WiFi.jpg
Technology logo 6	Publication logos/Mopria.jpg
Technology logo 7	Publication logos/BluetoothLogo.jpg
Telecom compliance (fax capability)	ES 203 021-2, ES 203 021-3; Radio Equipment Directive 2014/53/EU; South Africa (ICASA)
Telephone handset supported	No
Top key features	35-sheet ADF; Scan to email; Two-sided printing
Top margin (A4)	2.9 mm
Twain version	Version 2.1
Typical electricity consumption (TEC) number	0.20 kWh/Week
UNSPSC code	43212104
UPC number	(A80) 193424632411; (ABT) 193424632435; (ACQ) 193424632428

^[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://www.hp.com/go/learnaboutsupplies; For setup cartridges click on Setup supplies link on the same page.

Ink/Toner/Paper/Printer Supplies

Ink Supplies ★: Recommended

HP Inkjet Printer Cartridges and Ink Supplies

HP 912XL High Yield Black Original Ink Cartridge	3YL84AE ★
HP 912XL High Yield Cyan Original Ink Cartridge	3YL81AE ★
HP 912XL High Yield Magenta Original Ink Cartridge	3YL82AE ★
HP 912XL High Yield Yellow Original Ink Cartridge	3YL83AE ★
HP 912 4-pack Black/Cyan/Magenta/Yellow Original Ink Cartridges	6ZC74AE
HP 912 Black Original Ink Cartridge	3YL80AE
HP 912 Cyan Original Ink Cartridge	3YL77AE
HP 912 Magenta Original Ink Cartridge	3YL78AE
HP 912 Yellow Original Ink Cartridge	3YL79AE

HP Photo Papers

HP Photo Papers for inkjet

, 25 sheets 7HF70A	HP Matte Photo Paper, 180 g/m2, 10 x 15 cm (101 x 152 mm), 25 sheets
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HP Paper for Multiple Uses

HP Recycled Paper

HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV84A	
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HP Business Papers

HP Business Papers for laser and inkjet

HP Business Papers for inkjet

HP Professional Business Paper, Matte, 180 g/m2, A4 (210 x 297 mm), 150	7MV79A	
sheets	/ IMV / SA	

Services

HP Care Pack Services

★: Recommended

Imaging and Printing Consumer Care Pack Services

HP 3 year Care Pack w/Return to Depot Support for Officejet Pro Printers	UG248E	
HP 4y Return OJ pro printer - H Svc	UH583E	

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