



# HP OfficeJet Pro 8024e All-in-One Printer

Essential, all-around productivity



Count on the fast print speeds up to 20 ppm<sup>1</sup>, automatic two-sided printing, and reliable Wi-Fi® connectivity.<sup>2</sup> Choose HP+ and get 9 months of Instant Ink<sup>3</sup> and 1 extra year of HP warranty with exclusive use of Original HP Ink.<sup>4</sup>

This is an HP+ enabled printer. Choose HP+ at product setup to activate benefits. HP+ requires an HP account, ongoing connection to the internet, and exclusive use of Original HP Ink cartridges for the life of the printer. More at: <http://www.hp.com/plus-faq>. This printer is intended to work only with cartridges that have new or reused HP electronic circuitry, and it uses dynamic security measures to block cartridges using modified or non-HP circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP electronic circuitry enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

## Highlights

- 9 months of Instant Ink included with HP+<sup>3</sup>
- Up to 3 years HP warranty with HP+<sup>4</sup>
- With HP+, get advanced HP Smart app solutions
- Print, scan, copy, fax
- Print Speed ISO: Up to 20 ppm black, up to 10 ppm colour
- Made with more than 15% recycled content by weight of plastic
- 225 sheet input tray; 60 sheet output tray
- 6.86 cm (2.7 inch) colour touchscreen control panel (CGD)

## Designed to save you time

- Eliminate steps in repetitive tasks, using Shortcuts.<sup>5</sup> Scan to the cloud, email, and more – in a tap.<sup>5</sup>
- Work fast and hands-free with the 35 page auto-feeder. Get automatic two-sided printing.
- Take control of print, scan, copy, and fax jobs with tap-and-swipe ease, using the colour touchscreen.
- Easily print, scan, and copy from your phone, using HP Smart – best-in-class print app.<sup>5,6</sup>

## Never run out of ink with Instant Ink<sup>7</sup>

- Never run out of ink.<sup>7</sup> Convenient ink cartridge replacements and smart delivery included.
- Save up to 70% with Instant Ink.<sup>8</sup> Enroll to get ink, delivery and recycling starting at €0.99 a month.
- Peace of mind with plan flexibility to change or cancel anytime at no cost.<sup>9</sup>
- Help us put plastic back into printers with prepaid recycling service included.<sup>10</sup>

## HP+. HP's smart printing system.

- A cloud-connected HP+ printer is smarter - it keeps itself up to date and ready to print.<sup>11</sup>
- First 9 months of Instant Ink included<sup>3</sup>; after 9 months, monthly fee applies unless cancelled.
- Print and scan from the palm of your hand. Enjoy advanced productivity features for 2 years with HP+.<sup>5</sup>
- HP+ puts our planet first with net zero-deforestation prints<sup>12</sup> and closed-loop cartridge recycling.<sup>13</sup>

## Enhanced security, reliable connections

- Reduce interruptions with self-healing Wi-Fi® that keeps you connected.<sup>2</sup>
- Get security essentials to help maintain privacy and control.
- Count on chatbot support and helpful notifications with the HP Smart app.<sup>5</sup>
- Easily share resources – access and print with wireless networking.<sup>2</sup>

## Technical specifications

Functions	Print, copy, scan, fax
Print technology	HP Thermal Inkjet
Print speed	<b>Black (A4, ISO):</b> Up to 20 ppm; <b>Colour (A4, ISO):</b> Up to 10 ppm; <b>Draft black (A4):</b> Up to 29 ppm; <b>Draft colour (A4):</b> Up to 25 ppm
First page out	<b>Black (A4, ready):</b> As fast as 13 sec; <b>Colour (A4, ready):</b> As fast as 16 sec;
Print resolution	<b>Black (best):</b> 1200 x 1200 rendered dpi; <b>Colour (best):</b> Up to 4800 x 1200 optimised dpi on HP Advance Photo Paper 1200 x 1200 dpi input;
Monthly duty cycle	Up to 20,000 pages A4; <b>Recommended monthly page volume:</b> Up to 800 pages
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
Standard print languages	HP PCL3 GUI
Print area	<b>Print margins:</b> Top: 2.9 mm, Bottom: 2.9 mm, Left: 2.9 mm, Right: 2.9 mm; <b>Maximum print area:</b> 210 x 297 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	<b>Black (A4, ISO):</b> Up to 13 ppm; <b>Colour (A4, ISO):</b> Up to 7 ppm
Copier specifications	Number of Copies; Two-Sided; Lighter/Darker; ID Copy; Resize; Quality; Paper Size; Paper Type; Collate; Margin Shift; Crop; Copy Preview; Enhancements; <b>Maximum number of copies:</b> Up to 99 copies; <b>Copy resolution:</b> Up to 600 dpi; <b>Reduce/Enlarge:</b> 25 to 400%
Scan speed	<b>Normal (A4):</b> 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
Scanner specifications	<b>Scanner type:</b> Flatbed, one-sided ADF; <b>Scan input modes:</b> Front-panel scan, copy, HP Software, EWS, Mobile apps; <b>Twain version:</b> Version 2.1; <b>Scan size maximum (flatbed):</b> 215.9 x 297 mm; <b>Optical scan resolution:</b> Up to 1200 dpi
Scannable area	<b>Maximum media size (flatbed):</b> 215.9 x 297 mm; <b>Minimum media size (ADF):</b> 127 x 127 mm; <b>Maximum media size (ADF):</b> 215.9 x 355.6 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	<b>Standard:</b> Scan to thumb drive/PC;
Fax	Yes, colour,
Fax specifications	<b>Fax memory:</b> Up to 100 pages; <b>Fax resolution:</b> Standard: 203 x 98 dpi; Fine: 203 x 196 dpi;
Fax smart software features	Digital Fax - Fax to PC is available with Windows. Visit <a href="http://www.hp.com/support">http://www.hp.com/support</a> to download the latest software
Processor speed	1.2 GHz
Connectivity	<b>Standard:</b> 1 USB 2.0; 1 Ethernet; 1 Wireless 802.11 a/b/g/n; 1 RJ-11 Fax;
Wireless	Yes, built-in WiFi 802.11 a/b/g/n
Mobile printing capability	Chrome OS; HP Smart app; Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ Certified
Network capabilities	Yes, via built-in Ethernet; Wireless 802.11 a/b/g/n
Memory	<b>Standard:</b> 256 MB; <b>Maximum:</b> 256 MB DDR3 SDRAM
Number of paper trays	<b>Standard:</b> 1; <b>Maximum:</b> 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	<b>Custom (metric):</b> Tray 1: 76.2 x 127 to 215.9 x 355.6 mm <b>Supported (metric):</b> A4, A5, A6, B5 (JIS), Card (A4); Photo (13 x 18 cm, 10 x 15 cm); Envelope (A2, C5, C6, DL)
Input capacity	<b>Standard:</b> Up to 225 sheets <b>Maximum:</b> Up to 225 sheets <b>ADF:</b> Standard, 35 sheets
Output capacity	<b>Standard:</b> Up to 60 sheets Envelopes: Up to 10 envelopes Cards: Up to 10 sheets <b>Maximum:</b> Up to 60 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, Chrome OS
Minimum system requirements	<b>Windows:</b> Windows 10, 7: 32/64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer <b>Mac:</b> macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB available hard disk space; Internet required
Software included	HP Printer Software, Shop for Supplies Online
Printer dimensions (W x D x H)	<b>Minimum:</b> 460 x 337.5 x 233 mm; <b>Maximum:</b> 460 x 511.25 x 233;
Package dimensions (W x D x H)	506 x 298 x 408 mm
Printer weight	8.2 kg
Package weight	10.4 kg
Operating environment	<b>Temperature:</b> 5 to 40°C <b>Humidity:</b> 20 to 75% RH
Storage conditions	<b>Temperature:</b> -40 to 60°C
Acoustics	<b>Acoustic power emissions:</b> 6.8 B(A) (printing at 16 ppm)
Power	<b>Requirements:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz. Not dual voltage, power supply varies by part number with # Option code identifier; <b>Consumption:</b> Up to 21 watts (printing), 5.80 watts (ready), 1.00 watts (sleep), 0.08 watts (manual-off); <b>Typical Electricity Consumption (TEC):</b> 0.20 kWh/Week; <b>Power supply type:</b> 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 in) touchscreen control panel with CGD (Color Graphic Display); 3 buttons (Home, Help, Back)
What's in the box	<b>229W8B:</b> HP OfficeJet Pro 8024e All-in-One Printer; HP 912 Black Original Ink Cartridge; HP 912 Cyan Original Ink Cartridge; HP 912 Magenta Original Ink Cartridge; HP 912 Yellow Original Ink Cartridge; User guide; Regulatory flyer; Setup poster; Reference guide; Power cord. For ink volume and page yield information, visit <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a>
Supplies	<b>3YL77AE</b> HP 912 Cyan Original Ink Cartridge <b>3YL78AE</b> HP 912 Magenta Original Ink Cartridge <b>3YL79AE</b> HP 912 Yellow Original Ink Cartridge <b>3YL80AE</b> HP 912 Black Original Ink Cartridge <b>3YL81AE</b> HP 912XL High Yield Cyan Original Ink Cartridge <b>3YL82AE</b> HP 912XL High Yield Magenta Original Ink Cartridge <b>3YL83AE</b> HP 912XL High Yield Yellow Original Ink Cartridge <b>3YL84AE</b> HP 912XL High Yield Black Original Ink Cartridge <b>3YL85AE</b> HP 917XL High Yield Black Original Ink Cartridge
Service and Support	<b>UG198E</b> HP 3 years Care Pack with Standard Exchange for OfficeJet Pro Printers <b>UG248E</b> HP 3 years Care Pack with Return to Depot Support for OfficeJet Pro Printers (UG198E: all EMEA countries except Nordics, ME, Africa, South Africa, Israel, Turkey, UG248E: ME, Africa, South Africa, Israel, Turkey)
Warranty	Up to 3 years HP Warranty, 24-hour, 7 days a week Web support; Business hour phone support within warranty period. <sup>4</sup>

## Footnotes

<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, host OS, port-monitor, software application, driver, and document complexity.

<sup>2</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. Wi-Fi is a registered trademark of Wi-Fi Alliance®.

<sup>3</sup> Instant Ink sign up required. Instant Ink not available in all countries. Subject to monthly page limit of plan selected. Must complete Instant Ink sign up within 7 days of setting up the printer with the HP-recommended setup process as indicated in the instructions that came with your printer. Unless service is cancelled within the promotional period online at <http://www.hpinstantink.com>, a monthly service fee, based on the plan chosen, plus tax and coverage fees will be charged to your credit/debit card. Customer will be charged for any overage fees and applicable taxes at the end of each month in the promotional period. Use of in-box ink or toner cartridge is included in period of offer. One offer redeemable per printer. Included months offer with Instant Ink subject to change after 4.30.2022. Offer cannot be redeemed for cash. Setup Offer may be combined with other offers; see terms and conditions of the other offer for more details. Requires a valid credit/debit card, an email address, and Internet connection to printer. See additional offer information available during online sign up process. For service details, see <http://www.hpinstantink.com>.

<sup>4</sup> Up to 3 years HP Warranty in total, subject to activation of HP+ at set up and online registration. Three years consist of: (1) one year standard HP warranty; (2) one year extra HP warranty through HP+ activation at setup; and (3) one year bonus HP warranty through separate online registration, which must be completed at [www.hp.com/eu/bonuswarranty/](http://www.hp.com/eu/bonuswarranty/) within 60 days of printer purchase. Refer to the documentation in the printer box for further information on HP warranty. HP Warranty benefits apply without prejudice to any statutory rights provided under applicable consumer protection laws related to non-conformity of goods with the contract of sale. Such consumer statutory rights are not limited or affected in any manner by the HP Warranty. See: [www.hp.com/limitedwarranty](http://www.hp.com/limitedwarranty).

<sup>5</sup> Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only, and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at <http://www.hp.com/go/hpsmart>. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only. After 2 years, monthly fee applies to continue advanced features with HP Smart Advance. HP Smart Advance is not available in all countries. For more information, see <http://www.hp.com/hpsmart>.

<sup>6</sup> Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced ≤450€. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker – Final Historical CYQ4 2020. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study April 2021 commissioned by HP. For details, please see: <http://www.keypointintelligence.com/HPSmartApp>.

<sup>7</sup> Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.

<sup>8</sup> Based on Buyers Lab July 2020 study commissioned by HP, which compared monthly subscription cost of HP Instant Ink 700-page plans without purchase of additional sets of pages compared to cost per page to print ISO/IEC 24711 pages on most in-class, traditional A4 colour inkjet cartridge printers & MFPS using original standard capacity cartridges priced for: majority of EMEA countries <200 Euro; UK <200 GBP. Based on publicly available information as of June 1, 2020. Sale/offer prices not considered for this study. HP Ink Advantage printers excluded due to non-standard hardware & supplies model. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker – Final Historical 2020Q1. For details: [www.keypointintelligence.com/HPInstantInkROW](http://www.keypointintelligence.com/HPInstantInkROW).

<sup>9</sup> Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink plan you can go back to using HP original Standard or XL cartridges. 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 <http://instantink.hpconnected.com/terms>.

<sup>10</sup> Program availability varies. Original HP Cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. Program availability varies. For details, see <http://hp.com/recycle>.

<sup>11</sup> Utilising technology in the HP+ system and compared to HP standard consumer printers without HP+. HP+ printers are ready when you are with improved connectivity utilising Smart Driver and Print/Scan Doctor technology, more secure with Smart Security technology, more productive through HP Smart Advance features included for 2 years, and more sustainable by enabling Forest First printing and net-zero deforestation printers.

<sup>12</sup> HP works collaboratively with our partners WWF and Arbor Day Foundation to manage, restore, and protect forests around the world through a variety of projects. With HP+, every print – regardless of paper brand – is addressed through HP's Forest Positive Framework to counteract risks of deforestation. HP brand paper is sourced only from certified responsibly managed forests or from recycled content. For other brands of paper, HP invests in forest restoration, protection or management projects in key regions, for instance Brazil, sufficient to balance any paper used by HP+ customers that may not have been responsibly sourced. To learn more visit [www.hp.com/forestfirst](http://www.hp.com/forestfirst).

<sup>13</sup> Through the HP Planet Partners program (where available), recycled plastics are used as raw material and combined with other materials to help make new Original HP cartridges and other everyday products. For details: <http://www.hp.com/hprecycle>.

