# HP OfficeJet Pro 9020e All-in-One Printer

## Ultimate, all-around productivity



Count on fast print speeds up to to 24 ppm(7), single-pass two-sided copy/scan, automatic two-sided printing, and a 500-sheet paper tray. Choose HP+, the smart printing system that keeps you connected and ready to print from virtually anywhere[1]

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


Time saving


Ink


HP AiO Remote


Printer security settings

### Designed to save you time

- Eliminate steps in repetitive tasks, using Shortcuts.[1] Scan to the cloud, email, and more – in a tap.[1]
- 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 color touchscreen.
- Easily print, scan, and copy from your phone, using the HP Smart app.[1]

### Never run out of ink with Instant Ink[8]

- Never run out of ink.[8] Convenient ink cartridge replacements and smart delivery included.
- Save up to 50% with Instant Ink.[4] Enroll to get ink, delivery and recycling starting at $1.99 a month.
- Peace of mind with plan flexibility to change or cancel anytime at no cost.[11]
- Help us put plastic back into printers with prepaid recycling service included.[14]

### HP+: Smart printing has arrived

- A cloud-connected HP+ printer is smarter - it keeps itself up to date and ready to print.[10]
- First 6 months of Instant Ink included[6]; after 6 months, monthly fee charged automatically unless cancelled.
- Print and scan from the palm of your hand. Enjoy advanced productivity features for 2 years with HP+.[1]
- Putting the planet first with Forest First prints[13]

### Enhanced security, reliable connections

- Reduce interruptions with self-healing Wi-Fi™ that keeps you connected.[2]
- Get security essentials to help maintain privacy and control.
- 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]

# Technical specifications

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| 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 fasts as 9 sec; Colour (A4, ready): As fasts as 10 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 30,000 pages A4; Recommended monthly page volume: Up to 2000 |
| 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 (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 (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, b&w); Up to 8 ipm (200 ppi, color); Duplex (A4): Up to 15 ipm (200 ppi, b&w); up to 6 ipm (200 ppi, color) |
| 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, and 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, color, |
| Fax specifications | Fax memory: Up to 100 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: 203 x 196 dpi, 256 levels of gray; |
| Fax smart software features | Digital Fax - Fax to PC is available with Windows (Please use: 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 | Chrome OS; HP Smart app; Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ Certified |
| 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 | Tray 1: Plain Paper. Tray 2: 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 |

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| 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, Chou #3, Chou #4); 8.5 x 13 in |
| 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, Chrome OS |
| Minimum system requirements | Windows: Windows 10, 7; 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer. Mac: macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required |
| 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: 100 to 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; FCC CFR 47 Part 15 Class B (USA); ICES – 003, Issue 6 Class B (Canada); EN 301 489-1 (V2.1.1:2017), EN 301 489-17 (V3.1.1 2017) |
| Sustainable impact specifications | With the HP OfficeJet Pro 9000 series and Original HP supplies, hardware is designed to help reduce energy use, paper is responsibly sourced, and ink cartridges are easily recycled. [10] |
| Country of origin | Product of 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 | 226Y2D: HP OfficeJet Pro 9020e All-in-One Printer; HP 965 Setup Black Ink Cartridge; HP 965 Setup Cyan Ink Cartridge; HP 965 Setup Magenta Ink Cartridge; HP Setup 965 Yellow Original Ink Cartridge; Regulatory Flyer; Ink Caution Flyer; Power Cord; Setup Poster; Reference Guide [For more information about fill and yield, see http://www.hp.go/learnaboutsupplies] |
| Supplies | 3JA77AA HP 965 Cyan Original Ink Cartridge 3JA78AA HP 965 Magenta Original Ink Cartridge 3JA79AA HP 965 Yellow Original Ink Cartridge 3JA80AA HP 965 Black Original Ink Cartridge 3JA81AA HP 965XL High Yield Cyan Original Ink Cartridge 3JA82AA HP 965XL High Yield Magenta Original Ink Cartridge 3JA83AA HP 965XL High Yield Yellow Original Ink Cartridge 3JA84AA HP 965XL High Yield Black Original Ink Cartridge 3JA85AA HP 969XL High Yield Black Original Ink Cartridge 3VK91A HP Professional Multi-use Glossy FSC Papers 180 gsm-150 sht/A4/210 x 297 mm 9RR51A HP Advanced Glossy FCS Photo Paper-20 sht/A4/210 x 297 mm C6065A HP Iron-on Transfers-12 sht/A4/210 x 297 mm |
| Service and Support | UG075E HP 3 year Care Pack Next Business Day Exch OJ Pro Printer - M SVC UG470E HP 3 year Care Pack Onsite Exch OJ Pro Printer - M SVC UG248E HP 3 year Care Pack Return OJ-OJ pro printer - M SVC UG350E HP 3 year Care Pack Pickup Rtn OJ Pro Printer - M SVC U6N05E HP Installation w/Network Consumer Printer SVC |
| Warranty | One-year limited hardware warranty; 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://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.hpsmart.com . 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.hpsmart.com
[2] 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®.
[2] Compared to OEM printing apps for the majority of top-selling inkjet/laser printers and all-in-ones for the home and office, priced less than or equal to $449.99 USD. Market share as reported by IDC CYQ4 2019 Hardcopy Peripherals Tracker. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence - Buyers Lab hands-on testing and study commissioned by HP. For details, please see: http://www.keypointintelligence.com/HPSmartApp.
[4] Based on monthly subscription cost of 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 color inkjet cartridge printers & MFPs using original standard capacity cartridges priced for: Australia <299 AUD; New Zealand <349 NZD; Canada <=399 CAD & United States <399 USD. Sale prices not considered for this study. HP Ink Advantage printers excluded due to non-standard hardware & supplies model. Buyers Lab July 2020 study commissioned by HP, based on publicly available information as of June 1, 2020. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q1. For details: http://www.keypointintelligence.com/HPInstantInk.
[5] Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device, 2) setting up Shortcut, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see http://www.hp.com/go/mobileprinting.
[6] Instant Ink sign up required. Instant Ink not available in all countries. Subject to monthly page limit of plan selected. Must complete Instant Ink signup 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 overage 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 signup process. For service details, see http://www.hpinstantink.com
[7] 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.
[8] Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.
[9] Up to 3yrs HP Warranty in total, subject to activation of HP + at set up and online registration within 60 days of purchase. Refer to the documentation in the printer box for further information on HP warranty. HP Warranty benefits apply in addition 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.
[10] Utilizing technology in the HP+ system and compared to HP standard consumer printers without HP+. HP+ printers are ready when you are with improved connectivity utilizing 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 prints.
[11] 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://www.instantink.hpconnected.com/terms.
[12] Based on 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. Sale prices not considered for this study. HP Ink Advantage printers excluded due to non-standard hardware & supplies model. Buyers Lab July 2020 study commissioned by HP, based on publicly available information as of June 1, 2020. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q1. For details: http://www.keypointintelligence.com/HPInstantInkROW
[13] HP works collaboratively with our partners including WWF and Arbor Day Foundation to manage, restore, and protect forests in many countries around the world. 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 sufficient to balance any paper used by HP+ customers that may not have been responsibly sourced. To learn more visit http://www.hp.com/forestfirst.
[14] 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
[15] Up to 2 years HP Warranty in total, subject to activation of HP+ at set up. Two years consist of: (1) one year standard HP warranty; (2) one year extra HP warranty through HP+ activation at setup. Refer to the documentation in the printer box for further information on HP warranty.