



HP LaserJet Pro 4006dn Printer

Experience powerful printing performance for your business. This HP LaserJet Pro offers ultra-fast print speeds, effortless setup & management, smart tools, & easy mobile printing. Plus, future-ready security to help protect your network.



This printer is intended to work only with new or reused cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures. More at: [Learn more at: hp.com/learn/ds](https://hp.com/learn/ds)

Get speed, reliability, and quality in one

- Easily handle high-volume print projects with the fastest automatic 2-sided printing in its class.¹
- Deliver all your print projects quickly with fast print speed up to 47 letter pages per minute.²
- Get your office up and printing in a few easy steps with quick and simple set up.
- Rely on consistent, high-quality prints with low maintenance HP Toner Cartridges that don't require cleaning.

Simplify work & print management with smart tools

- Save toner & pages - HP AI removes unwanted ads, white spaces, & reformats content from web pages & emails.¹⁰
- Easily onboard users & monitor security & toner levels remotely with a smart dashboard for simple management.
- Don't wait to get back to your desk. Print from your mobile devices with the easy-to-use HP app.³
- Get the latest software updates & new productivity features that keep your printer evolving with your needs.

Protect your business with leading-edge security

- Get future-ready security with the world's first printers to protect against quantum computer attacks.⁴
- Keep your data secure - print jobs & sensitive data are never stored on the printer & erased after every job.
- Safeguard your printing system with toner designed with tamper-resistant chips, firmware, and packaging.⁸
- Streamline security compliance and management across your fleet with the optional HP Security Manager.⁵

Save energy and help reduce waste

- Get exceptional print quality with next-generation TerraJet Toner designed for low-energy printing.⁶
- Less wasteful by design - this printer is made with recycled plastic⁷ content to help reduce waste.
- Help reduce plastic waste with TerraJet Toner Cartridges designed with recycled plastic.⁹
- Save energy with a printer that meets industry efficiency standards with Energy Star[®] rating.¹¹

¹ Compared to in-class monochrome duplex laser printers less than \$400 USD and €300 EUR and duplex laser MFPs less than \$500 USD and €400 EUR. Exact HP printer speeds vary depending on the system configuration, software application, driver, and document complexity. Keypoint Intelligence April 2025 study commissioned by HP, based on research of OEM-published specifications and publicly available information as of April 2025. Market share as reported by IDC for Q4 2024 for North America and Western Europe. Please visit: keypointintelligence.com/HPFastestDuplexM4000 ² Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printer claims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ HP Smart and myHP are now the HP app, available for download on Windows 10 (64 bit) or 11 PCs; macOS computers; and for Apple and Android mobile phones and tablets. Windows PCs do not support print features at launch. The HP app requires download available at www.hp.com/hp-app. Not all HP devices, services, apps are available in the HP app. Certain features are available in English language only, and may vary by printer and PC model/country, and between desktop/mobile applications. HP reserves the right to introduce changes for use of select HP app functionality. Internet access required. HP account required for full functionality. Fax sending capability only. Live chat and phone support are available during business hours and varies by country. Chat service is localized in supported regions, and where not supported, will default to English. Supported conferencing features vary by device and device configuration. For complete Terms of Service see: www.hp.com/hp-app-terms-of-use ⁴ Based on HP's internal analysis of business printers with preinstalled encryption, authentication, malware protection, post-quantum digital signature, and initial BIOS firmware integrity protection with automatic self-healing recovery finding that no other in-class printers implement a quantum-resistant cryptographic scheme to protect the integrity of the BIOS and firmware as of March 2025. ⁵ HP Security Manager must be purchased separately. For details, see hp.com/go/securitymanager ⁶ HP calculations based on normalized Energy Star[®] TEC data of HP LaserJet Pro and Enterprise series with HP TerraJet Cartridges compared to predecessors. See hp.com/TerraJetEnergySaving ⁷ HP LaserJet Pro 4006/4007/4008/4112/4113/4114 printers are made with at least 5% recycled plastic content. Recycled plastic is expressed as a percentage of the total weight of the plastic. Post-consumer recycling is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2. ⁸ HP office-class printing systems are select Enterprise and Managed devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and Ink Cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips and packaging security features vary locally by SKU. See hp.com/cartridgesecurity ⁹ Recycled plastic is expressed as a percentage of total weight of plastic. See www.hp.com/tonerrecycledcontent for more information. ¹⁰ Requires optional HP AI software to use artificial intelligence (AI). Requires Windows 11, HP app and being signed into your HP account or Smart Admin account. Certain HP AI features are available in English only, and may vary by printer model/country, and between desktop/mobile applications. Internet access is required. Formatting optimized where supported. To learn more, visit hp.com/HP-AI. ¹¹ Models of the HP LaserJet Pro 4000/MFP 4110 series that are ENERGY STAR certified in North America are identified as HP LaserJet Pro 4006n/dn/dw and HP LaserJet Pro MFP 4112dw/dn/dw. Visit www.energystar.gov/productfinder for more information. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks.

Technical specifications

Functions	Print
Print speed ^{7,16,8}	First page out Letter: As fast as 3.7 sec Black; First page out A4: As fast as 3.8 sec Black; Letter: Up to 47 ppm Black; 2-sided Letter: Up to 42 ipm Black; A4: Up to 45 ppm Black; 2-sided A4: Up to 40 ipm Black; Print speed (Landscape, A5): Up to 80 ppm Black
Print resolution	Black (best): Up to 1,200 x 1,200 dpi; Black (normal): Standard (600 x 600 dpi);
Print technology	Laser; Optical: Standard (600 dpi), Detailed (1200 dpi), Economode (600 dpi)
Print cartridges number	1 (black)
Standard print languages	pwgRaster, urf, jpeg, tiff, pcl, pctl, postScript, pdf, nativeOffice, pclm
Printer smart software features	Manual duplex for n bundle and auto duplex for all other bundles and booklet printing, N-up printing, collation, watermarks, install printer driver only, Economode for toner savings, accepts a variety of paper sizes and types
Connectivity	
Standard connectivity	1 Gigabit Ethernet 10/100/1000 Base-T network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host)
Network capabilities	Ethernet
Wireless capability	No
Mobile printing capability ⁶	HP app
Memory	Standard: 512 MB; Maximum: 512 MB
Processor speed	1200 MHz / Hard disk: None

Duty cycle (monthly) ⁹	Letter: Up to 80,000 pages; A4: Up to 80,000 pages; Recommended monthly page volume ¹⁰ : Up to 4,000
Recommended monthly page volume ¹⁰	Up to 4,000
Paper handling	Input Capacities: Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets) Standard;; Output Capacities: Up to 150 sheets Standard;; Duplex Options: Automatic; Envelope feeder: No; Standard paper trays: 2
Media types supported	Paper (plain, EcoFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels
Media weight supported	Tray 1: 16 to 53 lb; Tray 2 and Optional 550-sheet Tray 3: 16 to 32 lb
Media sizes supported	Tray 1: Letter; Legal; Executive; Office (8.5x13); 4 x 6, 5 x 8; A4; A5; A6; B5 (JIS); B6 (JIS); 10x15cm; Office (216x340 mm); 16K (195x270mm); 16K (184x260mm); 16K (197x273mm); Postcard (JIS); Double Postcard (JIS); Envelope #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; A5-R; Custom; Statement; 3 x 5; 5 x 7; L 9x13 cm; Envelope C6; Japanese Envelope Chou #3; Japanese Envelope Chou #4 Tray 2 & 3: Letter, Legal, Executive, Office 8.5x13, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), Office 216x340 mm, 16K 195x270mm, 16K 184x260mm, 16K 197x273mm, Double Postcard (JIS), A5-R, Custom, 5x7
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in, Tray 2/3: 4.12 x 5.83 to 8.5 x 14 in
What's in the box	8X3D4A HP LaserJet Pro 4006dn Printer; Preinstalled HP Black Original LaserJet Toner Cartridge (3,000 page yield); Hardware Install Guide; Regulatory Flyer; HP printer software is available at www.hp.com/support ; Power cord
Replacement cartridges ¹⁴	HP 161A Black Original LaserJet Toner Cartridge (~3,000 pages) W1610A; HP 161X Black Original LaserJet Toner Cartridge (~10,000 pages) W1610X
Product dimensions	W x d x h: 14.53 x 14.76 x 7.60 in; Maximum: 14.53 x 21.93 x 11.89 in
Product weight ⁵	~16.76 lb
Warranty features	One-year limited hardware warranty; Up to 3-year warranty available upon product registration within 60 days of purchase.
Energy star certified	Yes
Ecolabels ²	EPEAT Silver US; IT ECO Declaration; ENERGY STAR® certified
Control panel	2.1" (53 cm) Mono-graphic display with navigation buttons (Left, Right, Up, Down, OK, Back, Home, Cancel)
Display description	2.1" Mono-Graphic LCD (200 x 114px)
Software included	No software solutions are included in the Box only on http://support.hp.com
Compatible operating systems ¹⁵	Android; iOS; Chrome OS; Windows 11 (64-bit and ARM64); Windows 10 (32-bit, 64-bit and ARM64); Linux: Debian 10; Linux: Debian 11; Linux: Elementary 6P; Linux: Fedora 31; Linux: Fedora 32; Linux: Fedora 33; Linux: Fedora 34; Linux: Fedora 35; Linux: Linuxmint 20.1; Linux: Linuxmint 20.2; Linux: Manjorlinux 20.2; Linux: Manjorlinux 21.0.7; Linux: Mxlinux 21; Linux: OpenSuse 15.1; Linux: OpenSuse 15.2; Linux: OpenSuse 15.3; Linux: RHEL 6; Linux: RHEL 7; Linux: RHEL 8; Linux: Ubuntu 20.04; Linux: Ubuntu 20.10; Linux: Ubuntu 21.04; Linux: Ubuntu 21.10; Linux: Zorin 15; Linux: Zorin 16; macOS 15 Sequoia; macOS Tahoe v26
Compatible network operating systems	Linux; Citrix; Windows Server 2025 64-bit; Windows Server 2022 64-bit; Windows Server 2019 64-bit; Windows Server 2016 64-bit
Power ¹¹	Power supply type: Internal (built-in) Power Supply; Power requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage, product varies by part number with # Option code identifier); Power consumption: 536 watts (active printing), 6.3 watts (ready), 0.92 watts (sleep), 0.92 (Auto Off/Wake on LAN, enabled at shipment), 0.05 watts (Auto-off/Manual-on), 0.05 (Manual Off)
Acoustics	Acoustic power emissions: 6.5 B(A) ; Acoustic Pressure Emissions (active, printing): 54 dB(A)
Operating environment	Operating temperature range: 10 to 32.5°C; Recommended operating temperature: 15 to 27°C; Storage temperature range: -20 to 40°C; Non-operating humidity range: Operating humidity range: 10 to 80% RH; Recommended humidity operating range: 30 to 70% RH
Accessories	A1PF4A HP LaserJet 550-Sheet Blue Input Tray
HP Service and Support options	UQ3L8E HP 3 year 4 hour Onsite with DMR Service for LaserJet Pro 4006 4007 4008; UQ3M2E HP 3 year Next Business Day Exchange Service for LaserJet Pro 4006 4007 4008; UQ3L4E HP 3 year Next Business Day Onsite with DMR Service for LaserJet Pro 4006 4007 4008; UQ3M4E HP 3 year Return to Depot Service for LaserJet Pro 4006 4007 4008; U9JT1E HP Installation Service with network configuration for Personal Scanner and Printer (1 unit)

Learn more at hp.com

¹ Configuration tested: base model, simplex printing, A4 paper at an average of 45 ipm ² EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. ³ Without trays and covers not extended ⁴ For yield information on the cartridge included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. ⁵ with cartridge ⁶ HP Smart and myHP are now the HP app, available for download on Windows 10 or 11 PCs; macOS computers; and for Apple and Android mobile phones and tablets. Windows PCs do not support print features at launch. Android not supported in China at launch. The HP app requires download available at www.hp.com/hp-app. Not all HP devices, services, apps are available in the HP app. Certain features are available in English language only, and may vary by printer and PC model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of select HP app functionality. Internet access required. HP account required for full functionality. Fax sending capability only. Live chat and phone support are available during business hours and varies by country. Chat service is localized in supported regions, and where not supported, will default to English. Supported conferencing features vary by device and device configuration. For complete Terms of Service see: www.hp.com/hp-app-terms-of-use. ⁷ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁸ Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁹ 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 LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ¹⁰ 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 intervals and device life over an extended warranty period. ¹¹ 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. ¹² Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). ¹³ 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. Energy Star value typically based on measurement of 115 V device and 230 V for Blue Angel. ¹⁴ Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/toneryield> ¹⁵ Citrix Server versions updates release every quarter, for updates see <https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/>; Citrix Ready Kit Certification - see <http://citrixready.citrix.com> for the latest qualification for HP Printers. ¹⁶ Approximate average yield based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see hp.com/learnaboutsplies.

