



HP LaserJet Pro MFP 4103dw/fdw Printer Series

Power office productivity with blazing speed, reliable hardware, and connectivity.

This printer is built for maximum productivity with fast speeds and reliable hardware, delivering effortless everyday use from wherever work happens so you can focus more on your business.



Maximum performance.

- Support your dynamic workteam with this high-speed smart printer, ideal for up to 10 users.
- Step up your workflow with HP Pro-class maximum print speed to meet high-demand environments.¹
- Scan both sides with a single pass. Dual-sided scanning allows your users to get more done in less time.
- Connect your way. Choose between Ethernet, dual-band Wi-Fi® or high-speed USB.⁸

Maximum productivity.

- Automate to accomplish more. Simple shortcuts enable your people complete multistep tasks with just a touch.
- No PC or driver required. Print or scan on the spot from your USB drive.
- Get productivity in the palm of your hand. Print, scan and get time-saving Shortcuts with HP Smart app.²
- Don't wait for printjobs. With no warm up time your printer is always ready.

Seamless management

- Connect your HP printers. Robust features and smart tools help your people do more, wherever work happens.
- Access your printers from a single dashboard. Smart Admin guides you through setup and gives IT visibility.³
- Centralize print management for your enterprise. HP Web Jetadmin makes it easy with its suite of features.⁴
- Avoid interruptions with Wi-Fi® that intelligently looks for the best connection to stay on-line.⁸

HP Wolf Pro Security.

- Proactive security comes enabled out of the box with preconfigured settings and regular updates.
- Validate before you operate. Secure setup uses boot code signature before powering on.
- Get ahead of potential security risks. Routine updates help you stay resilient against the latest threats.
- Add a layer of security. PIN/pull option authenticates your print jobs only when you're present.



¹ Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ² Requires the HP Smart app download. For details on local printing requirements see 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 www.hp.com/go/mobileprinting. 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 www.hp.com/go/mobileprinting. ³ Easy setup and manage - Requires use of Smart Admin Dashboard for printer setup and onboarding of users. ⁴ HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin. ⁵ HP calculations based on ENERGY STAR® normalized TEC data comparing HP LaserJet 200-500 series printers at launch. See hp.com/ecosmart. ⁶ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. ⁷ Recycling: 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. For details, see hp.com/recycle. ⁸ Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps). Internet access required and must be purchased separately. ⁹ HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.

Technical specifications

Functions / Multitasking supported	Print, copy, scan, fax
Print speed ^{7, 8, 9}	First page out A4: As fast as 6.3 sec Black; First page out Letter: As fast as 6.1 sec Black; A4: Up to 40 ppm Black; Letter: Up to 42 ppm Black; Print speed (Landscape, A5): Up to 63 ppm Black
2-sided printing	A4: Up to 34 ipm Black; Letter: Up to 36 ipm Black
Print resolution	Black (best): Fine Lines (1200 x 1200 dpi); Black (normal): Normal (native 600 x 600 dpi; enhanced up to 4800 x 600 dpi); Black (fine lines): Fine Lines (1200 x 1200 dpi)
Print technology	Laser ; Print resolution technology: HP FastRes 1200, HP ProRes 1200, Economode
Print cartridges number	1 (black)
Standard print languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster
Printer smart software features	Auto duplex and booklet printing, N-up printing, collation, watermarks, install printer driver only, Economode for toner savings, accepts a variety of paper sizes and types
Scan	
Color scanning	Yes
Scan speed ¹¹	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color) 2-sided: Up to 46 ipm (b&w), up to 34 ipm (color)
Scan type / Technology ¹¹	Flatbed, ADF / Contact Image Sensor (CIS)
Scan resolution	Hardware: Flatbed (Up to 1200 x 1200 dpi); ADF (Up to 300 x 300 dpi); Optical: Up to 1200 x 1200 dpi
Scan file format	PDF, JPG, TIFF
Scan input modes	Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA
Scan Size	ADF: 216 x 356 mm Maximum; 102 x 152 mm Minimum; Flatbed: 216 x 297 mm
Scanner advanced features	Copy preview
Duplex ADF scanning	Yes
ADF capacity	Standard, 50 sheets
Twain version	Version 2.3
Bit depth / Grayscale levels	24-bit/256
Copy	
Copy resolution	Black (text and graphics): Up to 600 x 600 dpi; ; Color (text and graphics): Up to 600 x 600 dpi
Maximum number of copies	Up to 9999 copies
Copier resize	25 to 400%
Copier settings	ID Copy; Number of copies; Resize (including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Best); Save Current Settings; Restore Factory Defaults
Fax	
Fax speed	Up to: 33.6 kbps (maximum); 14.4 kbps (default) / Letter: 6 sec per page
Fax resolution	Black (best): Up to 300 x 300 dpi; Black (standard): 203 x 98 dpi;
Fax smart software features	Auto fax reduction; Auto redialing; Delayed sending; Fax forwarding; TAM interface; Junk barrier; Distinctive ring detection; Cover page; Block fax; Billing codes; Save and load; Fax activity reports; Dial prefix setting; Print fax log; HP Digital Fax
Fax Features	Fax memory: Up to 400 pages; ; Auto fax reduction supported: Yes; ; Auto-redialing: Yes; ; Fax delayed sending: No; ; Distinctive ring detection supported: Yes; ; Fax forwarding supported: Yes; ; Fax phone TAM interface supported: Yes; ; Fax polling supported: No; ; Fax telephone mode supported: Yes; ; Junk barrier supported: Yes; ; CSID matching only (Caller ID not supported): ; Maximum speed dialing numbers: Up to 200 numbers; ; PC interface supported: Yes; ; Remote retrieval capability supported: Yes (receive only); ; Telephone handset supported: No
Connectivity	
Standard connectivity	1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet LAN 10/100/1000BASE-T network; 802.3az(EEE); 802.11b/g/n / 2.4 / 5 GHz Wi-Fi radio + BLE
Network capabilities	Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; Optional ROAM Queue Printing; HP ROAM For Business
Memory	Standard: 512 MB; Maximum: 512 MB
Processor speed	1200 MHz / Storage: Optional Job Storage via external rear host USB port (minimum 16 GB) / Hard disk: No
Duty cycle (monthly)	A4: Up to 80,000 pages; Letter: Up to 80,000 pages; Recommended monthly page volume: 750 to 4,000
Paper handling	Input Capacities: Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets) Standard; Up to 10 envelopes; Output Capacities: Up to 150 sheets Standard; Duplex Options: Automatic (default); Envelope feeder: No; Standard paper trays: 2
Media types supported	Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels;
Media Weight Supported, ADF	60 to 120 g/m ² ; 16 to 32 lb
Media sizes supported	Tray 1: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Japanese Postcard; Double Japan Postcard Rotated; Envelope #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; Custom Size: 4 x 6 in; 5 x 8 in; Statement; Tray 2 & Tray 3: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; 4 x 6 in; B6 (JIS)
Media Sizes Custom	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2, 3: 104.9 x 148.59 to 215.9 x 355.6 mm

What's in the box	2Z629A Preinstalled HP Black Original LaserJet Toner Cartridge; Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable (AP & Wireless Only)
Replacement cartridges ⁴	HP 151A Black Original LaserJet Toner Cartridge (~3,050 pages), W1510A; HP 151X Black Original LaserJet Toner Cartridge (~9,700 pages), W1510X
Product dimensions	W x d x h: 420 x 390 x 323 mm; Maximum: 430 x 634 x 325 mm
Product weight	12.6 kg; 27.78 lb
Warranty features	One-year Bench/Depot Repair warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033)
Energy star certified	No
Ecolabels	IT ECO Declaration
Control panel	2.7" Color Touchscreen
Display description	2.7" (6.86 cm) intuitive color touchscreen (CGO)
Software included	No software solutions are included in the Box only on http://hp.com ; http://123.hp.com ;
Compatible operating systems	Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey
Compatible network operating systems	Windows 8; Windows Server; Linux; Citrix; Novell
Minimum system requirements	PC: 2 GB available hard disk space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see microsoft.com ; Mac: 2 GB available hard drive space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see apple.com ;
Power;	Power supply type: Internal (Built-in) power supply; Power requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%); 50/60 Hz (+/- 2 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%); 50/60 Hz (+/- 2 Hz) (Not dual voltage, product varies by part number with # Option code identifier); Power consumption: 510 watts (active printing), 7.5 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off)
Acoustics	Acoustic power emissions: 6.7 B(A) ; Acoustic Pressure Emissions (active, printing): 54 dB(A) ; Acoustic Pressure Emissions (active scan): 48 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 (non-condensing); Recommended humidity operating range: 30 to 70% RH
Supplies	W1510A HP 151A Black LaserJet Toner Cartridge ; W1510X HP 151X Black LaserJet Toner Cartridge
HP Service and Support options	U42TYE - HP 2 year Next Business Day Service for LaserJet Pro MFP 410x; U42TZE - HP 3 year Next Business Day Service for LaserJet Pro MFP 410x; U42U0E - HP 4 year Next Business Day Service for LaserJet Pro MFP 410x; U42U1E - HP 5 year Next Business Day Service for LaserJet Pro MFP 410x; U42U2E - HP 2 year 4 hour 9x5 Service for LaserJet Pro MFP 410x; U42U3E - HP 3 year 4 hour 9x5 Service for LaserJet Pro MFP 410x; U42U4E - HP 4 year 4 hour 9x5 Service for LaserJet Pro MFP 410x; U42U5E - HP 5 year 4 hour 9x5 Service for LaserJet Pro MFP 410x; U42U6E - HP 3 year Next Business Day Advanced Exchange Service for LaserJet Pro MFP 410x; U42U7E - HP 3 year Return to Depot Service for LaserJet Pro MFP 410x; U42U8PE - HP 1 year Post Warranty Next Business Day Service for LaserJet Pro MFP 410x; U42U9PE - HP 1 year Post Warranty 4 hour 9x5 Service for LaserJet Pro MFP 410x; U42V0PE - HP 1 year Post Warranty Next Business Day Advanced Exchange Service for LaserJet Pro MFP 410x; U42V1PE - HP 1 year Post Warranty Return to Depot Service for LaserJet Pro MFP 410x; U9JT1E - HP Installation with Networking Service for Personal Scanner and Printing;

Learn more at [hp.com](http.com)

¹ Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity. ² 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. ³ Savings claim toner – Based on monthly subscription cost of HP Instant Ink monochrome toner service 1,500-page plan without purchase of additional ⁴ 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> ⁵ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. ⁶ Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. 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, software application, driver, and document complexity. ⁸ Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁹ 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 115V device and 230V for Blue Angel. ¹⁰ Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). ¹¹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

