HP LaserJet Pro MFP 4103fdw Printer

Get blazing fast printing speeds, high-volume scanning, and easy management with LaserJet Pro.

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 WiFi® or high-speed USB. [2]

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.[3]
- 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.[4]
- Centralise print management for your enterprise. HP Web Jetadmin makes it easy with its suite of features.[5]
- Avoid interruptions with Wi-Fi® that intelligently looks for the best connection to stay on-line [2]

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.

Product walkaround

1. Designed for workteams of up to 10 users
2. Pre-configured security settings
3. Walk-up USB
4. Automatic 2-sided printing
5. Hi-speed USB ports, built-in Gigabit Ethernet
6. Print speeds up to 40 ppm (A4), 350-sheet standard paper capacity

Accessories, Supplies and Support

Supplies	
Accessories	
Service and Support	**U42TZE** - HP 3 year Next Business Day Service for LaserJet Pro MFP 410x
	U42U8PE - HP 1 year Post Warranty Next Business Day Service for LaserJet Pro MFP 410x

Technical specifications

Model	HP LaserJet Pro MFP 4103fdw Printer
Product number	2Z629A
Functions	Print, copy, scan, fax
Control panel	2.7" Color Touchscreen
Print	
Print technology	Laser
Print speed[1]	**Black (A4, normal):** Up to 40 ppm ; **Black (A4, duplex):** Up to 34 ipm
First page out[2]	**Black (A4, ready):** As fast as 6.3 sec ; **Black (A4, sleep):** As fast as 8.8 sec
Print resolution	**Black (best):** Fine Lines (1200 x 1200 dpi) ; **Technology:** HP FastRes 1200, HP ProRes1200, Economode
Monthly duty cycle	Up to 80,000 pages A4; **Recommended monthly page volume:** 750 to 4,000
Printer smart software features[3]	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
Standard print languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster
Fonts and typefaces	84 scalable TrueType fonts
Print area	**Print margins** Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area : 207.4 x 347.1mm
Duplex printing	Automatic (default)
Copy	
Copy speed	**Black (A4):** Up to 40 cpm
Copier specifications	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; **Maximum number of copies:** Up to 9999 copies; **Reduce/Enlarge:** 25 to 400%
Scan	
Scan speed[4]	**Normal (A4):** Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color) ; **Duplex (A4):** Up to 46 ipm (b&w), up to 34 ipm (color)
Scan file format	PDF, JPG, TIFF
Scanner specifications	**Scanner type** Flatbed, ADF; **Scan technology:** Contact Image Sensor (CIS); **Scan input modes:** Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA; **Twain version:** Version 2.3; **Duplex ADF scanning:** Yes; **Optical scan resolution:** Up to 1200 x 1200 dpi
Scanner advanced features	Single-pass 2-sided scanning ADF, Scan to cloud (Google Drive and DropBox) Scan to email with LDAP email address lookup, Scan to network folder, Scan to USB, Scan to Microsoft SharePoint®, Scan to computer with software, Fax archive to network folder, Fax archive to email, Fax to computer, Enable/disable fax, Quick Sets
Recommended monthly scan volume	750 to 4000
Scannable area	**Maximum media size (flatbed):** 216 x 297 mm ; **Minimum media size (ADF):** 102 x 152 mm **Maximum media size (ADF):** 216 x 356 mm
Bit depth/ Grey scale levels	24-bit / 256
Fax	
Fax	Yes, 33.6 kbps
Fax specifications	**Fax memory:** Up to 400 pages; **Fax resolution:** Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; **Quick dialing:** Up to 200 numbers
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
Processor speed	1200 MHz
Connectivity	
Standard	1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabi Ethernet LAN 10/100/1000BASE-T network; 802.3az(EEE); 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio + BLE
Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing
Supported network protocols	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint™, Mopria, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6), SSL Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download
Network capabilities	Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Hard disk	No
Memory	**Standard:** 512 MB ; **Maximum:** 512 MB
Media handling	
Number of paper trays	**Standard:** 2 ; **Maximum:** 3
Media types	Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels;
Media size	**Custom (metric):** 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 **Supported (metric):** 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) **ADF:** Letter; Legal; A4; custom sizes 102 x 152 to 216 x 356 mm
Media handling	**Standard input:** 100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF) **Standard output:** 150-sheet output bin **Optional input:** Optional third 550-sheet tray
Media weight	Tray 1: 60 to 200 g/m² ; tray 2, optional 550-sheet tray 3: 60 to 120 g/m²
Input capacity	**Tray 1:** Sheets: 100; Envelopes: 10 **Tray 2:** Sheets: 250 **Tray 3:** Sheets: 550 (optional) **Maximum:** Up to 900 sheets (with Optional 550-sheet tray) **ADF:** Standard, 50 sheets
Output capacity	**Standard:** Up to 150 sheets Envelopes: Up to 10 envelopes **Maximum:** Up to 150 sheets
Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Chrome OS
Compatible network operating systems	Windows 8; Windows Server; Linux; Citrix; Novell
Minimum system requirements	**Windows:** 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;
Software included	No software solutions are included in the box, only on http://www.hp.com and http://123.hp.com
Security management	Management security: SNMP v1 v2 v3, SSL/TLS (HTTPS), 802.1x authentication; wireless network security: WPA (Wi-Fi Protected Access) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, LEAP, EAP-TLS) with RADIUS servers
Printer management	HP Printer Assistant; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent (Part of HP WebJetAdmin); HP WS Pro Proxy Agent (Part of HP WebJetAdmin); Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver; Deployment Utility - Managed Printing Administrator)
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum** 420 x 390 x 323 mm; **Maximum:** 430 x 634 x 325 mm
Printer weight	12.6 kg
Operating environment	**Temperature:** 10 to 32.5°C **Humidity:** 30 to 70% RH
Storage conditions	**Temperature:** -20 to 40°C
Acoustics	**Acoustic power emissions:** 6.7 B(A) **Acoustic pressure emissions:** 54 dB(A)
Power	**Requirements:** 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); **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); **Typical Electricity Consumption (TEC)[5]:** 0.40 kWh/Week (Blue Angel); 0.44 kWh/Week (Energy Star 3.0); **Power supply type:** Internal (Built-in) power supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; EcoSmart black toner
Certifications	RCM (Australia), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, Chile, Argentina, Indonesia, Singapore, Philippines, etc. **Electromagnetic emission standard:** CISPR 32:2015 Class B / EN 55032:2015 Class B; CISPR 35:2016 / EN 55035:2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 61000-4-12:2016; FCC CFR 47 Part 15 Class B; ICES-003, Issue 7 Class B IT ECO Declaration **Blue Angel compliant[6]** No, please refer to the ECI (Ecolabel Comparison Information) document **Telecom compliance:** ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4
Sustainable impact specifications	Recyclable through HP Planet Partners; Contains post-consumer recycled plastic
Country of origin	Made in China; Made in Brazil (2Z629#696, #697, #AC8)
What's in the box[7]	2Z629A HP LaserJet Pro MFP 4103fdw Printer; Preinstalled HP Black Original LaserJet Toner Cartridge (3,050 pages); Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable
Warranty	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)

Footnotes

[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] 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.
[3] 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.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 www.hpsmart.com.
[4] Easy setup and manage - Requires use of Smart Admin Dashboard for printer setup and onboarding of users.
[5] HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

Technical specifications disclaimers

[1] 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.
[2] 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.
[3] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity.
[4] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[5] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
[6] 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. Please be aware that HP LaserJet Pro 4001 and MFP 4101 series products are ENERGY STAR 3.0 certified in the US and the functionally equivalent HP LaserJet Pro 4003 and MFP 4103 series meet ecolabel energy efficiency limits.
[7] 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.