



HP LaserJet Pro MFP 4101-4104dwe/fdne/fdwe HP+ Printer series

Get a fast, fully loaded, smart printing system for effortless, secure, and sustainable printing.

This modern printer is built for maximum productivity with fast speeds and reliable hardware, delivering effortless everyday use so you can focus more on your business. And with HP+, printers have never been easier to manage and use from anywhere.



This is an HP+ printer. It requires an HP account, connection to the internet, and exclusive use of Original HP Toner cartridges for the life of the printer. More at: <http://www.hp.com/plus-faq>

Maximum productivity.

- Support your dynamic workteam with this high-speed, multi-feature printer, ideal for up to 10 users.
- Step up your workflow with blazing fast speed to meet high-demand environments.
- Get productivity in the palm of your hand. Print, scan and get time-saving Shortcuts with HP Smart app.¹
- Do more in fewer steps. Simple shortcuts allow your employees to complete common tasks with just a touch.

Effortless management.

- Guided, cloud-based setup makes it easy to configure new printers and onboard users from any location.²
- Smart Admin Dashboard monitors usage and control settings across multiple printers, in multiple locations.²
- Seamless connectivity allows you to print from anywhere, any device, on any network.^{1,3}
- Dedicated tech support can help you when you need it, all backed by our 2 year extended HP warranty.^{4,5}

HP Wolf Pro security, made better with HP+.

- Get printer security out of the box. Preconfigured settings mean it's ready when you are.
- Set up your printer security from the dashboard. Smart Admin makes IT configuration and monitoring easy.
- Automated 24/7 monitoring helps ensure your printers and your information are always secure.
- Add a layer of security. PIN/pull option authenticates your print jobs only when you're present.

Hassle-free supplies management with Instant Ink.

- Enroll to save on Original HP Toner with Instant Ink. Get toner, delivery, and recycling.^{6,7,8}
- Never run out of toner with Instant Ink for laser.⁹
- With Instant Ink, get toner automatically delivered to workers or offices all on one consolidated bill.⁷
- With Instant Ink, you get to select the right plans for each of your printers. Change or cancel at any time.¹⁰



Team management



Laser comparable speed



2-sided scanning



ROAM



Dashboard



Copy and scan into one

Product walkaround

Series at a glance



Model	HP LaserJet Pro MFP 4102dwe Printer	HP LaserJet Pro MFP 4102fdwe Printer
Product number	ZZ622E	ZZ624E

Configurable Items, Accessories, Supplies and Support

Supplies	W1490A HP 149A Black Original LaserJet Toner Cartridge (Average cartridge yields 2,900 standard pages. Declared yield value in accordance with ISP/IEC 19752.)
	W1490X HP 149X High Yield Black Original LaserJet Toner Cartridge (Average cartridge yields 9,500 standard pages. Declared yield value in accordance with ISP/IEC 19752.)
Accessories	D9P29A HP LaserJet Pro 550-sheet Feeder Tray
Service and Support	U42HWE - HP 3 year Next Business Day Service for LaserJet Pro MFP 410xe
	U42J4PE - HP 1 year Post Warranty Next Business Day Service for LaserJet Pro MFP 410xe

Technical specifications

Model	HP LaserJet Pro MFP 4102dwe Printer		HP LaserJet Pro MFP 4102fdwe Printer
Product number	2Z622E		2Z624E
Functions	Print, copy, scan		Print, copy, scan, fax
Control panel	2.7" Color Touchscreen		
Print			
Print technology	Laser		
Print speed ⁶	Black (A4, normal) Up to 40 ppm; Black (A4, duplex): Up to 34 ipm;		
First page out ⁷	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 ¹	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 38 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 999 copies; Reduce/Enlarge: 25 to 400%;		
Scan			
Scan speed ⁹	Normal (A4): Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color); Duplex (A4): Up to 29 ppm/46 ipm (b&w), up to 20 ppm/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; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 1200 x 1200 dpi		
Scanner advanced features	Single-pass 2-sided scanning ADF, Scan to email with LDAP email address lookup, Scan to network folder, Scan to USB, Scan to Microsoft SharePoint, Scan to computer with software, Faxarchive to network folder, Fax archive to email, Fax to computer, Enable/disable fax, Quick Sets; PDF; JPG; Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF. Mac HP Easy Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, JPG-2000, PNG, TIFF;		
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 (no halftone); 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; Gigabit Ethernet LAN 10/100/1000BASE-T network; 802.11b/g/n / 2.4 / 5 GHz Wi-Fi radio + Bluetooth; 802.3az(EEE)	1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet LAN 10/100/1000BASE-T network; 802.11b/g/n / 2.4 / 5 GHz Wi-Fi radio + Bluetooth; 802.3az(EEE)	
Mobile printing capability	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing; Optional ROAM Queue Printing; HP ROAM For Business		
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 ADF: Standard, 50 sheets		
Media weight	Tray 1: 60 to 200 g/m² ; tray 2, optional 550-sheet tray 3: 60 to 120 g/m²; ADF: 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 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	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://hp.com; http://123.hp.com;		
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) ⁸ : 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; Power save; EcoSmart black toner		
Certifications ⁴	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 61000-3-2:2019; EN 61000-4-12:2016; FCC CFR 47 Part 15 Class B; ICES-003, Issue 7 Class B IT ECO Declaration		

	Telecom compliance: ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4	
Sustainable impact specifications	Forest First product with HP+; Recyclable through HP Planet Partners; Compatible with Accessibility Accessories; Contains post-consumer recycled plastic	
Blue Angel compliant	No, please refer to the ECI (Ecolabel Comparison Information) document	
Country of origin	Made in China	
What's in the box ²	2Z622E HP LaserJet Pro MFP 4102dwe Printer; HP Black Original LaserJet Toner Cartridge (2,900 pages); Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable	2Z624E HP LaserJet Pro MFP 4102fdwe Printer; HP Black Original LaserJet Toner Cartridge (2,900 pages); Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable
Warranty	Two-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.	

Footnotes

- ¹ Smart app (Smart Pro): 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.
- ² Easy to set up and manage - Requires use of Smart Admin Dashboard for printer setup and onboarding of users.
- ³ Connected ready and secure: 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.
- ⁴ Dedicated support: speak with a live HP+ support representative Mon-Fri 08:00-18:00 GMT / Sat-Sun 10:00-18:00 GMT. Excludes public holidays.
- ⁵ Extended warranty: 2 years HP Warranty in total. Refer to the documentation in the printer box for further information on HP warranty.
- ⁶ Save up to 50% on toner (mono) – Based on monthly subscription cost of HP Instant Ink monochrome toner service 1,500 page plan without purchase of additional sets of pages compared to cost per page to print ISO/IEC 24711 pages on most in-class, traditional A4 monochrome toner cartridge printers <€494 and MFPs priced <€672 using original standard-capacity integrated cartridges (toner and drum in one cartridge). Average CPP per country used to determine percent savings claim versus CPP for HP Instant Ink. Sale prices not considered for this study. Printers which only use XL cartridges excluded due to non-standard hardware & supplies model. Keypoint Intelligence September 2021 study commissioned by HP, based on publicly available information as of August 18, 2021. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker – Final Historical 2021Q2. For details: www.keypointintelligence.com/HPInstantInk.
- ⁷ Automatic delivery and consolidated bill - Printers require direct connection to the Internet for program participation. Internet access sold separately.
- ⁸ Recycling: 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, see <http://www.hp.com/recycle>.
- ⁹ Never run out - Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.
- ¹⁰ Change or cancel - Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink 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 hpinstantink.com/terms.

Technical specifications disclaimers

- 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 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>
- ⁴ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- ⁵ 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.
- ⁶ 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.
- ⁷ 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.
- ⁸ Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
- ⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

