



HP LaserJet Pro MFP 4112dw Printer (8X3F4A)



Overview

Experience powerful printing performance for your business. This HP LaserJet Pro offers ultra-fast print speeds, AI-enabled solutions, effortless setup & management, & easy mobile printing. Plus, leading-edge security to help protect your network.

Get speed, reliability, and quality in one

Save time so you can focus on what matters with the fastest automatic 2-sided printing in class.[1]

Protect your business with leading-edge security

Out-of-the-box protection with the world's first printers to protect against quantum computer attacks.[5]

Work smarter - AI & simple management solutions

Instantly transform scans into searchable emails with smart subject lines, file names, & summaries with HP AI.[12]

Save energy and help reduce waste

Less wasteful by design - this printer is made with at least 5% recycled plastic content to help reduce waste.[7]

Features



Black & White Printing^[11]



Automatic 2-sided Printing^[1]



Mobile Printing^[3,4]



Dual-band Wi-Fi^[2]



Wolf Pro Security^[5]



Touchscreen Display

[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] Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. 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) v. 2.4 GHz band (up to 72.2 mbps). Learn more at: www.hp.com/go/mobileprinting

[3] Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced ≤\$450 USD. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical CYQ1 2024. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2024. For details, please see: keypointintelligence.com/HPapp.

[4] 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.

[5] 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.

[7] 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/TerraJet/energysaving.

[11] 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.

[12] Available on select multifunction printers with a control panel. Check your printer for set up instructions. Availability of features varies by countries and supported printers. Requires eligible HP AI-enabled printer and the HP app/HP Easy Start. Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at www.hp.com/go/mobileprinting. To learn more about HP AI features and capabilities, visit hp.com/HP_AI.

Specifications

Print Resolution Technologies	Standard (600 dpi), Detailed (1200 dpi), Economode (600 dpi)
Print quality black (best)	Up to 1,200 x 1,200 dpi
Print speed black (ISO, A4)	Up to 45 ppm
Print speed black (ISO, letter)	Up to 47 ppm
Print speed	Prints up to 47/45 ppm (LTR/A4)
Bottom margin (A4)	5 mm
Left margin (A4)	4 mm
Right margin (A4)	4 mm
Top margin (A4)	5 mm
Functions	Print, copy, scan
Duplex printing	Automatic (default)
Duty cycle (monthly, A4)	Up to 80,000 pages
Duty cycle (monthly, letter)	Up to 80,000 pages ^[15]
Printer smart software features	Auto duplex and booklet printing, N-up printing, collation, watermarks, install printer driver only, Terrajet for toner savings, accepts a variety of paper sizes and types ^[4]
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 smart software features	##BLANK##
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; TerraJet Toner
Replacement cartridges	HP 161A Black Original LaserJet Toner Cartridge (~3,000 pages) W1610A; HP 161X Black Original LaserJet Toner Cartridge (~10,000 pages) W1610X ^[7]
Supplies feature	HP TerraJet Cartridge
Connectivity, standard	1 Gigabit Ethernet 10/100/1000 Base-T network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); Walk-up USB; 802.11a/b/g/n/ac/ax (2.4/5 GHz) Wi-Fi radio + BLE
Network capabilities	Ethernet; Wireless; BLE; AirPrint; Mopria
Wireless capability	Yes, built-in Wi-Fi 802.11a/b/g/n/ac/ax, Wireless direct printing
Mobile printing capability	HP app
Network protocols, supported	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

Software included	No software solutions are included in the Box only on http://support.hp.com
Compatible Operating Systems	Windows 11 (64-bit and ARM64); Windows 10 (32-bit, 64-bit and ARM64); Android; iOS; macOS 14 Sonoma; macOS 15 Sequoia; macOS Tahoe v26; 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: ManjaroLinux 20.2; Linux: ManjaroLinux 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^[19] <i>([19] Citrix Server versions updates release every quarter, for updates see https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/; Citrix XenApp & XenDesktop 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.)</i>
Energy star certified	Yes
Ecolabels	IT ECO Declaration; EPEAT® Silver Australia; EPEAT® Silver Canada; EPEAT® Silver US; ENERGY STAR® certified; Taiwan Green Mark; KOECO
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy speed (black, normal quality, A4)	Up to 45 cpm
Copy speed black (normal, letter)	Up to 47 cpm
Copy speed black duplex (A4)	Up to 40 ipm
Copy speed black duplex (Letter)	Up to 42 ipm
Faxing	No
Scan speed (normal, A4)	Up to 38 ppm/63 ipm (b&w), up to 26 ppm/38 ipm (color)
Scan speed (normal, letter)	Up to 40 ppm/66 ipm (b&w), up to 28 ppm/40 ipm (color)
Scan file format	PDF, JPG, TIFF
Scan input modes	Front-panel scan, copy, email, or file buttons; HP Scan software, HP Smart; and user application via TWAIN or WIA
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, ADF
Display area (imperial)	3.74 x 2.13 in
Display area (metric)	9.50 x 5.40 cm
Display	4.3" (10.93 cm) intuitive color touchscreen (CGD)
Dimensions (W x D x H)	420 x 386 x 307 mm <i>([9] Without trays and covers not extended.)</i>
Dimensions (W x D x H)	16.54 x 15.20 x 12.09 in <i>([9] Without trays and covers not extended.)</i>
Weight	~12.2 kg^[12] <i>([12] With cartridge)</i>

Weight	~26.90 lb <i>([12] With cartridge)</i>
Power consumption	548 watts (active printing), 8.1 watts (ready), 1.08 watts (sleep), 1.08 watts (Auto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off) ^[5] <i>([5] 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.)</i>
Power supply type	Internal (Built-in) power supply
What's in the box	HP LaserJet Pro MFP 4112dw 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; USB cable (AP & Wireless Only) ^[6]
Manufacturer 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)

Additional specifications

ADF Capacity	50 pages
Acoustic power emissions (active scan)	6.3 B(A)
Acoustic power emissions (active, printing)	6.5 B(A)
Acoustic power emissions (ready)	3.2 B(A)
Acoustic power note	[17] Configuration tested: base model, simplex printing, A4 paper at an average of 45 ppm.
Acoustic pressure emissions bystander (active scan)	51 dB(A)
Acoustic pressure emissions bystander (active, printing)	54 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	http://www.hp.com/uk
Auto document feeder capacity footnote	[2] 80 g/m ² paper
Auto fax reduction supported	No
Automatic document feeder capacity	Standard, 50 sheets ^[2]
Automatic paper sensor	No
Automation feature photo 01	https://hp.widen.net/content/0wrhbv3rej/original/0wrhbv3rej.png
Automation feature photo 19	https://hp.widen.net/content/efyzukznm6/original/efyzukznm6.psd
Bit depth	24-bit
Blue Angel footnote	[10] 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.
Business filter	cMPS
Cable included	Yes, 1 USB cable (Asia Pacific and all Wireless printers); No, please purchase USB cable separately (Europe, Middle-East, Africa, & Americas Non Wireless)
Cartons per layer	6

Certifications and compliances	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.
Color or black	Black and white
Color scanning	Yes
Compatible Network Operating Systems	Linux; Citrix; Windows Server 2016 64-bit; Windows Server 2019 64-bit; Windows Server 2022 64-bit; Windows Server 2025 64-bit
Component type	Printer
Control panel	4.3" (10.9 cm) Color Touchscreen
Copier scaling (ADF)	25 to 400%
Copier settings	Text/Photo; Two-sided copy; Original Size; Lighter/Darker; Number of Copies; Fit to page/actual/Custom; Resize; Reduce to Fit
Copies, maximum	Up to 999 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 x 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi
Copy speed note	[3] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity.
Count of layers in pallet	AMS: 6, EMEA/APJ: 5
Datasheet Feature Photo 04	https://hp.widen.net/content/cjk8zodyxr/original/cjk8zodyxr.png
Datasheet feature photo 02	https://hp.widen.net/content/cvtnm0a0ja/original/cvtnm0a0ja.png
Datasheet feature photo 03	https://hp.widen.net/content/orurxo150x/original/orurxo150x.png
Datasheet feature photo 05	https://hp.widen.net/content/5zzznfhyccl/original/5zzznfhyccl.png
Datasheet feature photo 06	https://hp.widen.net/content/3ynlpssyyl/original/3ynlpssyyl.png
Datasheet feature photo 07	https://hp.widen.net/content/dzwhdju19l/original/dzwhdju19l.png
Datasheet feature photo 08	https://hp.widen.net/content/iuayfkha2j/original/iuayfkha2j.png
Datasheet photo 1	Publication photos/Flower_Lotus_Printer_Blue_Catalog_TransparentBG_Front_sy_01.png
Datasheet photo 3	Publication photos/Flower_Lotus_Printer_Blue_Catalog_TransparentBG_FrontLeft_sy_03.png

Distinctive ring detection supported	No
Downloadable software	HP WebJetAdmin; HPX; Available on https://support.hp.com unless noted; HP Mac OS Print Drivers; SAP Print Drivers; Chrome Extension; Printer Administrator Resource Kit (Driver Configuration, Utility - Driver Deployment Utility - Managed Printing Administrator); HP Easy Admin; HP Easy Start (Guided Software Install for Windows); HP Easy Start Pro (Guided Software Install for Mac); HP Universal Print Drivers PCL6 & PostScript for Windows; HPLIP Linux; Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html ; Product Documentation and Support; HP Universal Fax Driver; HP Universal Scan Solution; HP Command Center; HP JetAdvantage Security Manager; HP PSA (Print Support Application); HP WebJetAdmin; HPX; Available on https://support.hp.com unless noted; HP Mac OS Print Drivers; SAP Print Drivers; Chrome Extension; Printer Administrator Resource Kit (Driver Configuration, Utility - Driver Deployment Utility - Managed Printing Administrator); HP Easy Admin; HP Easy Start (Guided Software Install for Windows); HP Easy Start Pro (Guided Software Install for Mac); HP Universal Print Drivers PCL6 & PostScript for Windows; HPLIP Linux; Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html ; Product Documentation and Support; HP Universal Fax Driver; HP Universal Scan Solution
Driver updates	Current HP printer drivers and software can be obtained from the HP Customer Care Web site: (1) Go to http://www.hp.com/support/ (country/region may need to be selected), (2) Select "Support", (3) Select "Software and Drivers", (4) Select "Printer", (5) Enter a product name/number (The operating system is automatically detected), (6) Select a driver or other software, (7) Select "Download"
Duplex ADF scanning	Yes
Duty cycle note	[15] 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.
Dynamic security	Dynamic security enabled printer
Ecolabels footnote	[8] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
Electromagnetic compatibility	CISPR 22:2008 Class B, CISPR 32:2015 Class B, EN 55032:2015+A11:2020 Class B, CISPR 35:2016, EN 55035:2017+A11:2020, EN IEC 61000-3-2:2019 +A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, FCC CFR 47 Part 15 Class B, ICES-003, Issue 7 Class B, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.2.4
End of Life CO2e (kg)	16
Energy Usage CO2e (kg)	31
Engine life	100000
Enhanced scanning resolution	Up to 1200 x 1200 dpi
Envelope Feeder	No
Fax phone TAM interface supported	No
Finished output handling	Sheetfeed
First copy out black (A4)	As fast as 5.6 sec

First copy out black (A4, sleep)	As fast as 6.7 sec
First copy out black (letter)	As fast as 5.5 sec
First copy out black (letter, sleep)	As fast as 6.5 sec
First page out black (A4, ready)	As fast as 3.8 sec
First page out black (A4, sleep)	As fast as 6.1 sec
First page out black (letter, ready)	As fast as 3.7 sec
First page out black (letter, sleep)	As fast as 5.9 sec
First page out footnote	[18] Device first page out time based on HP internal measurement of printer activation until page exit. Measurement based on industry-standard ISO/IEC 17629 can be found at http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
Fonts and typefaces	110 scalable TrueType fonts
Input capacity	Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)
Internal Storage	None
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	512 MB
Maximum dimensions (W x D x H)	458 x 563 x 558 mm
Maximum dimensions (W x D x H)	18.03 x 22.17 x 21.97 in
Maximum input capacity (sheets)	Up to 900 sheets (with Optional 550-sheet tray)
Maximum metric depth	565
Maximum metric height	558
Maximum metric width	463
Maximum output capacity (sheets)	Up to 150 sheets
Maximum print area	215.9 x 355.6 mm
Media size (ADF)	Letter; Legal; A4; custom sizes 102 x 127 to 216 x 356 mm

Media size, tray 1	Letter, Legal, Executive, Oficio (8.5 x 13), 4 x 6, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K (195 x 270 mm), 16K (184 x 260 mm), 16K (197 x 273 mm), 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 9 x 13 cm, Envelope C6, Japanese Envelope Chou #3, Japanese Envelope Chou #4
Media size, tray 2	Letter, Legal, Executive, Oficio 8.5 x 13, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), Oficio 216 x 340 mm, 16K 195 x 270 mm, 16K 184 x 260 mm, 16K 197 x 273 mm, Double Postcard (JIS), A5-R, Custom, 5 x 7
Media size, tray 3	Letter, Legal, Executive, Oficio 8.5 x 13, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), Oficio 216 x 340 mm, 16K 195 x 270 mm, 16K 184 x 260 mm, 16K 197 x 273 mm, Double Postcard (JIS), A5-R, Custom, 5 x 7
Media sizes supported	Tray 1: Letter, Legal, Executive, Oficio (8.5 x 13), 4 x 6, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K (195 x 270 mm), 16K (184 x 260 mm), 16K (197 x 273 mm), 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 9 x 13 cm, Envelope C6, Japanese Envelope Chou #3, Japanese Envelope Chou #4; Tray 2 & 3: Letter, Legal, Executive, Oficio 8.5 x 13, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), Oficio 216 x 340 mm, 16K 195 x 270 mm, 16K 184 x 260 mm, 16K 197 x 273 mm, Double Postcard (JIS), A5-R, Custom, 5 x 7
Media sizes supported	Tray 1: Letter, Legal, Executive, Oficio (8.5 x 13), 4 x 6, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K (195 x 270 mm), 16K (184 x 260 mm), 16K (197 x 273 mm), 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 9 x 13 cm, Envelope C6, Japanese Envelope Chou #3, Japanese Envelope Chou #4; Tray 2 & 3: Letter, Legal, Executive, Oficio 8.5 x 13, 5 x 8, A4, A5, A6, B5 (JIS), B6 (JIS), Oficio 216 x 340 mm, 16K 195 x 270 mm, 16K 184 x 260 mm, 16K 197 x 273 mm, Double Postcard (JIS), A5-R, Custom, 5 x 7
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes, custom	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2, 3: 105 x 148 to 216 x 355 mm
Media sizes, custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2 and 3: 4.12 x 5.83 to 8.5 x 14 in
Media type and capacity, ADF	Sheets: 50 uncurled
Media type and capacity, tray 1	Sheets: 100; Envelopes: 10; Labels: 40
Media type and capacity, tray 2	Sheets: 250
Media type and capacity, tray 3	Sheets: 550
Media types	Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels;
Media weight (tray 1)	60 to 200 g/m ²
Media weight (tray 2)	60 to 120 g/m ²
Media weight (tray 3)	60 to 120 g/m ²
Media weight, supported	Tray 1: 60 to 200 g/m ² ; Tray 2, optional 550-sheet tray 3: 60 to 120 g/m ²

Media weight, supported	Tray 1: 16 to 53 lb; Tray 2, optional 550-sheet tray 3: 16 to 32 lb
Media weights, supported ADF	60 to 120 g/m²
Media weights, supported ADF	16 to 32 lb
Memory	512 MB
Memory Slots	None
Memory upgrade	Not available
Metric depth	386
Metric height	307
Metric width	420
Mobile printing capability footnote	[20] 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 desk ^[20]
Model number	4112dw
Native scan file format	PDF; JPG; TIFF
Number of users	3-10 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	10 to 32.5°C
Operating temperature range	50 to 90.5°F
Orderable supplies	HP 161A Black Original LaserJet Toner Cartridge; HP 161X High Yield Black Original LaserJet Toner Cartridge; HP W1610XC Black Original Contract LaserJet Toner Cartridge
Output capacity	Up to 150 sheets
Package dimensions (W x D x H)	497 x 399 x 406 mm
Package dimensions (W x D x H)	19.5 x 15.7 x 16 in
Package weight	15.6 kg
Package weight	34.4 lb
Page yield (set-up/inbox cartridges)	~3000 black pages
Pallet dimensions	AMS: 47.2 x 39.4 x 101.6 in, EMEA/APJ: 47.2 x 39.4 x 85.7 in
Pallet dimensions (W x D x H)	AMS: 1200 x 1000 x 2586 mm, EMEA/APJ: 1200 x 1000 x 2180 mm
Pallet weight	AMS: 578 kg, EMEA/APJ: 484 kg

Pallet weight	AMS: 1273 lb, EMEA/APJ: 1067 lb
Paper handling input, optional	Optional 1x550-sheet tray
Paper handling input, standard	100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF)
Paper handling output, standard	150-sheet output bin
Paper trays, maximum	3
Paper trays, standard	2
Photo (product photo, jpg, 70x100)	Printing and Digital Imaging/CB515A_70x100.jpg
Playbook TS icon 1	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192840.png
Playbook TS icon 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169182.png
Playbook TS icon 3	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169089.png
Playbook TS icon 4	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905325.png
Playbook TS icon 5	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03795773.png
Playbook TS icon 6	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539282.png
Playbook TS icon 7	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539247.png
Playbook TS icon 8	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169257.png
Power	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)
Print Cartridges/Bottle, Number	1 (black)
Print Technology	Laser
Print colors	No
Print languages	pwgRaster, urf, jpeg, tiff, pcl, pclxl, postScript, pdf, nativeOffice, pclm
Print quality black (normal)	Standard (600 x 600 dpi)
Print speed black (Landscape, A5)	Up to 80 ppm
Print speed black (Portrait, A5)	Up to 9 ppm
Print speed duplex (A4)	Up to 40 ipm
Print speed duplex (letter)	Up to 42 ipm
Print speed footnote (A5)	[14] 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.
Print speed footnote number (A5)	[14]

Print technology	Laser
Printer Management	HP Web JetAdmin Software; HP JetAdvantage Security Manager; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver; Deployment Utility - Managed Printing Administrator); HP Embedded Web Server; HP Insights / WXP
Printer black pages (MPV black)	900
Printer smart software features footnote	[4] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity.
Processor speed	1200 MHz
Product long name specifications	HP LaserJet Pro MFP 4112dw Printer, Black and white Printer for Small medium business, Print, copy, scan, Automatic document feeder; Two-sided printing; Two-sided scanning; Touchscreen
Product short name specifications	HP LaserJet Pro 4112dw Black and white Printer, Ethernet Only; Copier, Scanner; Duplex
Production CO2e (kg)	91
Quantity per pallet	AMS: 36, EMEA/APJ: 30
RMN number	BOISB-2300-05
Recommended media weight (duplex)	60 to 120 g/m ²
Recommended media weight (duplex)	16 to 32 lb
Recommended monthly page volume	Up to 4,000 ^[16]
Recommended monthly page volume note	[16] 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.
Recommended monthly scan volume	750 to 4000
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	15 to 27°C
Recommended operating temperature range	59 to 80.6°F
Replacement cartridges footnote	[7] 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 .
Resolution	Up to 1200 x 1200 dpi
Safety	IEC 62368-1:2014 / EN 62368-1:2014 +A11:2017; IEC 62368-1:2018; EN IEC 62368-1:2020 +A11:2020; IEC 60825-1:2014 / EN 60825-1:2014 +A11:2021; IEC 62479:2010 / EN 62479:2010; IEC 62311:2007 / EN 62311:2008
Scan resolution, hardware	Flatbed (Up to 1200 x 1200 dpi); ADF (Up to 300 x 300 dpi)
Scan resolution, optical	Up to 1200 x 1200 dpi

Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), maximum	8.5 x 14 in
Scan size (ADF), minimum	102 x 127 mm
Scan size (ADF), minimum	4.1 x 5 in
Scan size, maximum	216 x 297 mm
Scan size, maximum	8.5 x 11.7 in
Scan speed duplex (normal, A4)	Up to 63 ipm (b&w), up to 38 ipm (color)
Scan speed duplex (normal, letter)	Up to 66 ipm (b&w), up to 40 ipm (color)
Scan speed footnote	[1] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
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
Segment (filter)	Small medium business
Software scan file format	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, PDF/A, Word, Excel, CSV
Standard media sizes (duplex)	Letter; Legal; Oficio; Oficio (216 x 340 mm); A4; A5; B5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm)
Standard media sizes (duplex, imperial)	Letter; Legal; Oficio (8.5 x 13 in); A4; A5; B5(JIS); Executive; 16K
Standard output capacity (envelopes)	Up to 10 envelopes
Storage	Optional Job Storage via external rear host USB port (minimum 16 GB)
Storage device and direct print support	Front Host USB 2.0; USB printing
Storage temperature range	-20 to 40°C
Storage temperature range	-4 to 104°F
Target user and print volume	For teams up to 10 users; Prints up to 4,000 pages/month
Tariff numbers	8443310000; 84433129; 84433139; 84433111
Telecom compliance (fax capability)	EN 300 328 V2.2.2; EN 301 893 V2.1.1; EN 300 440 V2.1.1
Telephone handset supported	No
Top key features	Automatic document feeder; Two-sided printing; Two-sided scanning; Touchscreen

Total CO2e (kg)	143 <i>(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)</i>
Transportation CO2e (kg)	5
Tray capacity	250 input tray + 100 sheet multipurpose Tray with optional 550-sheet input feeder
Twain version	Version 2.3
Typical electricity consumption (TEC) footnote	[11] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
Typical electricity consumption (TEC) number	0.45 kWh/Week (Blue Angel); 0.35kWh/Week (Energy Star 3.0) ^[11]
UNSPSC code	43212110
UPC number	(001) 198122829095; (696) 198122829118; (697) 198122829125; (AB0) 198122829132; (ABJ) 198122829156; (AC8) 198122829170; (BBU) 198122829231; (BGJ) 198122829255; (BGM) 198122829279; (BH2) 199642182592
Warm-up time	As fast as 50 sec
Waste electrical and electronic weight	12.5 kg
Web address for additional information	hp.com/support/ljpro4110mfp
What is in the box footnote	[6] 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.

[2] 80 g/m2 paper

[4] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity.

[5] 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.

[6] 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.

[7] 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> .

[11] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

[12] With cartridge

[15] 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.

[16] 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.

[19] Citrix Server versions updates release every quarter, for updates see <https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/>; Citrix XenApp & XenDesktop 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.

[20] 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 desk

Document & Printing

★ : Recommended

Support Services (for Document & Printing)

HP 1 year Post Warranty 4 hour Onsite Service for LaserJet Pro MFP 4112 4113 4114	UR1H6PE
HP 1y Post Warranty Next Business Day Onsite Service for LaserJet Pro MFP 4112 4113 4114	UQ3M9PE
HP 3 year 4 hour Onsite Service for LaserJet Pro MFP 4112 4113 4114	UQ3N0E
HP Installation Service with network configuration for Personal Scanner and Printer (1 unit)	U9JT1E

HP Laser Toner Cartridges and Kits

★ : Recommended

HP TerraJet Toner Cartridges

HP 161A Black LaserJet Toner Cartridge	W1610A
HP 161X Black LaserJet Toner Cartridge	W1610X

HP LaserJet Contract Toner Cartridges

HP 161X Black Contract LaserJet Toner Cartridge	W1610XC
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HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM 20 lb 11 x 17 in. (279 x 432 mm) 250 sheets	HPM1720P
HP MultiPurpose20TM 20 lb 8.5 x 11 in. (216 x 279 mm) 500 sheets	HPM1120R
HP MultiPurpose20TM 20 lb 8.5 x 14 in. (216 x 356 mm) 500 sheets	HPM1420P

Accessories

Paper Handling

★ : Recommended

Input Trays

HP LaserJet 550-Sheet Blue Input Tray	A1PF4A
HP LaserJet 550-Sheet Blue Input Tray	A4BU4A

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