Data sheet

HP LaserJet Pro MFP M148fdw

HP's best value for laser quality, two-sided printing

Produce the consistent, professional two-sided documents you expect from HP with 1,000 pages of toner right out of the box. Easily print from your mobile device, and help save time and energy with this efficient HP LaserJet Pro MFP.[1,2]

HP LaserJet Pro MFP M148dw

HP LaserJet Pro MFP M148fdw

Highlights

- HP's best value for laser quality, two-sided printing
- Print, Scan, Copy and Fax (Fax is only with M148fdw)
- Fast print speed (28 ppm A4)
- Automatic two-sided printing standard
- HP Mobile Printing and Wi-Fi Direct
- HP Auto-On/Auto-Off for low energy consumption
- 1,000 pages initial toner
- 23,000 pages imaging drum

2-sided printing

Precision black toner

ePrint

Laser technology

Auto on/off

Wireless direct

Automatic document feeder

Uncompromising quality, unmatched in-box value

- Get up to 1,000 pages right out of the box, and start printing fast.
- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Speed through multipage documents with automatic two-sided printing.
- Get professional-quality pages and the performance you expect with Original HP toner cartridges.

Help save time and energy

- Speed through multipage documents with automatic two-sided printing.
- Wait less with an HP LaserJet Pro MFP that prints up to 28 pages per minute (A4).[4]
- Help save energy with HP Auto-On/Auto-Off Technology.[2]

Easy mobile printing with HP Smart app

- Print and scan from your smartphone, and easily order toner, with the best in class mobile print app, HP Smart[1,5].
- Easily print from a variety of smartphones and tablets.[5]
- Easily share resources – access and print with wireless networking.[6]
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.[7]

Product walkaround

HP LaserJet Pro M148fdw Printer shown

1. Simple, intuitive control panel
2. Easy-access number pad for faxing
3. Automatic two-sided printing
4. Print, scan, copy, and fax
5. Wi-Fi Direct® printing
6. Imaging drum designed to last up to 23,000 pages
7. Print speeds up to 30ppm
8. 35 page automatic document feeder
9. HP Auto-On/Auto-Off Technology
10. Print and scan from your smartphone, and easily order toner, with the HP Smart app
11. Built-in wireless capabilities let you easily access, print, and share resources on a network
12. Toner cartridges designed to work best with HP printers and MFPs
13. Precision black toner - 1,000 pages out of the box

Accessories, Supplies and Support

Supplies	**CF232A** HP 32A Original LaserJet Imaging Drum (~23,000 pages)
	CF294A HP 94A Black Original LaserJet Toner Cartridge (~1,200 pages)
	CF294X HP 94X High Yield Black Original LaserJet Toner Cartridge (~2,800 pages)
Service and Support	**UH761E** HP 3 year Care Pack with Standard Exchange for LaserJet Printers **UH757E** HP 3 year Care Pack with Next Day Exchange for LaserJet Printers **UH764E** HP 3 year Care Pack with Return to Depot Support for LaserJet Printers (UH761E - available in All EMEA countries except ME, Africa, South Africa, Israel, Turkey, UH757E - available in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UH764E - available in ME, Africa, South Africa, Israel, Turkey)

Technical specifications

Model	HP LaserJet Pro MFP M148fdw
Product number	4PA42A
Functions	Print, copy, scan, fax
Control panel	2-line LCD with Alphanumeric keypad: 2-line LCD text display; Buttons(OK, back, forward/backward, cancel, number of copy, darker/lighter, copy menu, start copy, main setup, redial, alphanumeric keypad, start fax, wireless); 2 light-emitting diode (LED) indicator lights (ready, attention).
Print	
Print technology	Laser
Print speed[14]	**Black (A4, normal)**: Up to 28 ppm; **Black (A4, duplex)**: Up to 18 ipm;
First page out[16]	**Black (A4, ready)**: As fast as 6.8 sec; **Black (A4, sleep)**: As fast as 7.6 sec;
Print resolution	**Black (best)**: Up to 1200 x 1200 dpi; **Technology**: HP FastRes 1200, HP ProRes 1200;
Monthly duty cycle[3]	Up to 20,000 pages A4; **Recommended monthly page volume**[4]: 200 to 2,000
Printer smart software features	AirPrint®, Instant-on Technology, HP Auto-On/Auto-Off Technology, JetIntelligence cartridges, Mopria-certified, Wi-Fi Direct® printing, Duplex printing, HP Smart App
Standard print languages	PCL5c; PCL6; PS; PCLm; PDF; URF; PWG
Fonts and typefaces	84 scalable TrueType fonts
Print area	**Print margins** Top: 4 mm, Bottom: 4 mm, Left: 4 mm, Right: 4 mm; Maximum print area : 214 x 356 mm
Duplex printing	Automatic (standard)
Copy	
Copy speed[17]	**Black (A4)**: Up to 28 cpm
Copier specifications	Number of Copies; Lighter/Darker; Optimise; Paper; Multi-Page Copy; Collation; Draft Mode; **Maximum number of copies**: Up to 99 copies; **Reduce/Enlarge**: 25 to 400%
Scan	
Scan speed[18]	**Normal (A4)**: Up to 15 ppm
Scan file format	JPG, RAW (BMP), PNG, TIFF, PDF
Scanner specifications	**Scanner type** Flatbed, ADF; **Scan technology**: Contact Image Sensor (CIS); **Scan input modes**: Scanning via HP LaserJet Software Scan or TWAIN-compliant or WIA-compliant software; **Twain version**: Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher); **Duplex ADF scanning**: No; **Scan size maximum (flatbed, ADF)**: 215.9 x 297 mm; **Optical scan resolution**: Up to 300 dpi (colour and monochrome, ADF); Up to 600 dpi (colour, flatbed); Up to 1200 dpi (monochrome, flatbed)
Scannable area	**Maximum media size (flatbed)**: 215.9 x 297 mm ;**Minimum media size (ADF)**: 148.5 x 210 mm **Maximum media size (ADF)**: 215.9 x 355.6 mm
Bit depth/ Grey scale levels	24-bit / 256
Fax	
Fax[13]	Yes, 33.6 kbps
Fax specifications	**Fax memory**: Up to 1000 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 120 numbers (119 group dials)
Fax smart software features	Fax address book; Speed-dial; Fax billing codes; Fax archiving and forwarding; Block incoming faxes
Processor speed	800 MHz
Connectivity	
Standard	1 Hi-Speed USB 2.0; 1 Ethernet 10/100Base-TX; 1 phone line (in); 1 phone line (out); 1 Wi-Fi 802.11n (dual band)
Wireless	Yes, built-in dual band Wi-Fi 802.11b/g/n
Mobile printing capability[8]	HP ePrint; Wi-Fi Direct® printing; Apple AirPrint®: Google Cloud Print™; HP Smart App
Supported network protocols	TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS
Network capabilities	Yes, via dual band (2.4/5GHz) wireless 802.11b/g/n; 10/100 Ethernet
Memory	**Standard**: 256 MB ;**Maximum**: 256 MB
Media handling	
Number of paper trays	**Standard**: 1 main tray plus 10 sheet priority ;**Maximum**: 1 main tray plus 10 sheet priority
Media types	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards
Media size	**Custom (metric)**: 76 x 127 to 216 x 356 mm **Supported (metric)**: A4; A5; B5 (JIS); A6 **ADF**: A4/LTR/LGL

Model	HP LaserJet Pro MFP M148fdw
Product number	4PA42A
Media handling	**Standard input:** 250 sheet input tray, 10 sheet priority tray **Standard output:** 150 sheet output tray **ADF:** Standard, 35 sheets
Media weight	60 to 163 g/m²
Input capacity	**Tray 1:** Up to 10 sheets; Up to 10 envelopes **Tray 2:** Up to 250 sheets **Maximum:** Up to 260 sheets **ADF:** Standard, 35 sheets
Output capacity	**Standard:** Up to 150 sheets Envelopes: Up to 10 envelopes **Maximum:** Up to 150 sheets
Compatible operating systems[9]	Windows® 10, 8.1, 8, 7: 32/64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer. Apple® OS X El Capitan (v10.11), macOS Sierra (v10.12), macOS High Sierra (v10.13), macOS Mojave (v10.14). Linux (For more information, see http://www.hplipopensource.com/hplip-web/index.html). Unix (For more information, see http://www.hp.com/go/unixmodelscripts)
Compatible network operating systems	Windows Server 2008 R2 64-bit; Windows Server 2008 R2 64-bit (SP1); Windows Server 2012 64-bit; Windows Server 2012 R2 64-bit; Windows Server 2016
Minimum system requirements	**Windows**: Windows® 10, 8.1, 8, 7: 32/64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer. **Mac**: Apple® macOS Sierra (v10.12), macOS High Sierra (v10.13), macOS 10.14 (Mojave); 2 GB available hard disk space; Internet access
Software included	For Windows OS: HP Software Installer, HP Software Uninstaller (exclude Win8+), HP PCL6 Printer Driver, HP Scan Driver, HP Scan Application, HP Fax Driver, HP Fax Application, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, HP Printer Assistant, HP Product Improvement Study, online user manuals. For Mac OS: Directs users to download Software
Security management	Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change
Printer management	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox
Dimensions and weight	
Printer dimensions (W x D x H)[10]	**Minimum** 403 x 407.4 x 311.5 mm; **Maximum:** 403 x 624.4 x 455.6 mm
Package dimensions (W x D x H)	490 X 392 X 490 mm
Printer weight	9.88 kg
Package weight	13.2 kg
Operating environment	**Temperature**: 15 to 32.5°C **Humidity**: 30 to 70% RH
Storage conditions	**Temperature**: -20 to 60°C **Humidity**: 10 to 90% RH
Acoustics	**Acoustic power emissions**: 6.6 B(A) (printing at 28 ppm) **Acoustic pressure emissions**: 52 dB(A)
Power[11]	**Requirements**: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 5.9A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 3.3 A. Not dual voltage, power supply varies by part number with # Option code identifier.; **Consumption**: 475 watts (active printing), 4.5 watts (ready), 1.0 watts (sleep), 0.1 watts (auto off/wake on USB, enabled at shipment), 0.05 watts (auto-off/manual-on), 0.05 watts (manual off); **Typical Electricity Consumption (TEC)**[12]: Blue Angel: 0.941 kWh/Week; Energy Star 3.0: 0.353 kWh/Week; **Power supply type**: Internal (Built-in) power supply;
Energy savings feature technology	HP Auto-On/Auto-Off technology
Certifications[13]	CISPR 22:2008/CISPR 32:2012/EN 55032:2012 - Class B EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010 ENERGY STAR® qualified; EPEAT® Silver **Blue Angel compliant** Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies **Telecom compliance**: Wireless telecom: EU (Radio Equipment Directive 2014/53/EU, EN301 489-1 V2.1.1, EN301 489-17 V3.1.1, EN300 328 V2.1.1; EN301 893 V2.1.0); IEC 62311:2007, EN62311:2008. Fax Telecom: ES 203 021; other Telecom approvals as required by individual countries.
Sustainable impact specifications	Mercury free
Country of origin	Made in Vietnam
What's in the box[14]	HP LaserJet Pro MFP M148fdw; HP Black LaserJet Toner Cartridge (1,000 pages); HP LaserJet Imaging Drum (23,000 pages); Power cord; Phone cord; USB cable; Getting started guide; Set up poster; Support flyer; Regulatory flyer; Errata, declaration (some countries)
Warranty	One year limited warranty

Footnotes

[1] Compared to OEM mobile printing apps for the majority of top-selling inkjet and laser printers and all-in-ones for home and home office, priced less than or equal to €429.99. Market share as reported by IDC CYQ2 2018 Hardcopy Peripherals Tracker. Claim based on research of printer manufacturer's mobile print apps and Keypoint Intelligence - Buyers Lab hands-on testing and study commissioned by HP. See September 2018 report at http://www.keypointintelligence.com/HPSmartApp.
[2] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings – may require a firmware upgrade.
[3] Based on typical ownership of five years printing 350 pages per month. Based on HP Internal testing, typical 32A Original LaserJet Imaging Drum is 23,000 page yield.
[4] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. Learn more at http://hp.com/go/learnaboutsupplies.
[5] For details on local printing requirements see http://hp.com/go/mobile printing.
[6] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.
[7] Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at http://hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

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] 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.
[4] 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.
[5] First Copy Out and Copy Speed measured using ISO/IEC 29183, 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 17991, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration and document complexity.
[7] Based on standard ITU-T test image at standard resolution. More complicated pages or higher resolution will increase the transmission time.
[8] HP ePrint - Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Learn more at http://www.hp.com/go/mobileprinting. Apple Airprint - Mobile device must have AirPrint® Wireless operations, compatible with 2.4 GHz operations only. Learn more at http://www.hp.com/go/mobileprinting. Google Cloud Print™ - Requires Google Cloud Print™ registration and Google account. Wireless operations are compatible with 2.4 GHz operations only. Learn more at http://www.hp.com/go/mobileprinting. Wi-Fi Direct® printing - Feature is supported on select printers. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see http://www.hp.com/go/mobileprinting. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.
[9] Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit); Not all "Compatible Operating Systems" are supported with software; Full solution software available only for Windows 7 and newer; Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print drivers only; Windows Server OS install driver only by command line method; Windows RT OS for Tablets (32/64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software.
[10] Dimensions vary as per configuration.
[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. Power consumption values typically based on measurement of 115V device.
[12] 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.
[13] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will increase the transmission time.
[14] 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.
[15] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

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