



HP Sales Central

HP LaserJet Pro MFP M428fdw (W1A30A)

Active as of 6/1/2019



Overview

Winning in business means working smarter. The HP LaserJet Pro MFP M428 is designed to let you focus your time where it's most effective growing your business and staying ahead of the competition.

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at:

<http://www.hp.com/learn/ds>

Best-in-class security- detect and stop attacks⁷

A suite of embedded security features help protect your MFP from being an entry point for attacks.⁷

Help ensure the security of confidential information with optional PIN/Pull printing to retrieve print jobs⁸

Thwart potential attacks and take immediate action with instant notification of security issues.

Built to keep you—and your business—moving forward

Scan files directly to Microsoft® SharePoint, Google Drive, Dropbox, email, USB, and network folders.¹

Help save time by automating all the steps in a complicated workflow via a 1 button shortcut.²

Print wirelessly even without the network, stay connected with dual band Wi-Fi and Wi-Fi direct.^{3 4 5}

Simply designed to uncomplicate your day

Set up this MFP fast, and easily manage device settings to help increase overall printing efficiency.

Tackle tasks quickly and easily—with the simple intuitive 2.7" (6.8cm) color touchscreen.

Print Microsoft office docs and pdfs right off your USB drive.⁹

Sustainability is smart business

Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges

Help save paper right out of the box. The duplex print setting is set at default paper savings mode.¹⁰

Saves up to 22% over prior products.¹¹

Replaces

Status	Product Name	Discontinued	SKU
Discontinued	HP LaserJet Pro MFP M426fdw	07/31/2019	F6W15A

Specifications

Functions

Print, Copy, Scan, Fax, Email

Print speed black (ISO, letter)

Up to 40 ppm (default) ; Up to 42 ppm (HP High Speed)^{8 1}

Print speed duplex (letter)

Up to 33 ipm

First page out black (letter, ready)

As fast as 6.1 sec

Duty cycle (monthly, letter)

Up to 80,000 pages^{11 1}

(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.)

3

Recommended monthly page volume

750 to 4000^{12 1}

Number of users

3-10 Users

Print technology

Laser

Print quality black (best)

Fine Lines (1200 x 1200 dpi)

Processor speed

1200 MHz

Print languages

HP PCL 6, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster

Display

2.7" (6.86 cm) intuitive color touchscreen (CGD)

Print colors

No

Number of print cartridges

1 (black)

Automatic paper sensor

No

Mac compatible

Yes

Printer Management

HP Printer Assistant, HP Utility (Mac), HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)

Security management

Secure Boot, secure firmware integrity, runtime code integrity, password protect EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1 & SNMPv2 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorization; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, access control SNMPv3, 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP), authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise wired; encryption via AES or TKIP; Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, Compatible with optional HP JetAdvantage Security Manager, IPPS

Fonts and typefaces

84 scalable TrueType fonts

Mobile printing capability

Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; Roam capable for easy printing; Wi-Fi® Direct Printing^{5 1}

Wireless capability

Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP;

WPS; Wi-Fi Direct; Bluetooth Low-Energy

Connectivity, standard

1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE); 802.11b/g/n/2.4/5 GHZ Wi-Fi radio

Minimum System Requirements

2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see <http://microsoft.com>

Minimum System Requirements for Macintosh

2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com;

Compatible Operating Systems

Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave

Compatible Network Operating Systems

Windows 11; Windows 8; Windows 7; Windows Server; Linux; Citrix; UNIX

Memory

512 MB

Maximum Memory

512 MB

Internal Storage

No

Paper handling input, standard

100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF)

Paper handling input, optional

Optional third 550-sheet tray

Input capacity

Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)

Maximum input capacity (sheets)

Up to 900 sheets (with Optional 550-sheet tray)

Paper handling output, standard

150-sheet output bin

Output capacity

Up to 150 sheets

Maximum output capacity (sheets)

Up to 150 sheets

Finished output handling

Sheetfeed

Duplex printing

Automatic (default)

Paper trays, standard

2

Paper trays, maximum

3

Envelope Feeder

No

Maximum Input Capacity (envelopes)

Up to 10 envelopes

Media sizes supported

Tray 1: Letter; Legal; Executive; Oficio (8.5 x 13 in); 16K; 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: Letter; Legal; Executive; Oficio (8.5 x 13 in); Custom Size; 5 x 8 in; Statement

Media sizes, custom

Tray 1: 3 x 5 to 8.5 x 14 in, Tray 2, 3: 4.13 x 5.85 to 8.5 x 14 in

Media types

Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels;

Media weight, supported

Tray 1: 16 to 46.6 lb; tray 2, optional 550-sheet tray 3: 16 to 32 lb

Scanner type

Flatbed, ADF

Scan file format

PDF, JPG, TIFF

Scan resolution, optical

Up to 1200 x 1200 dpi

Bit depth

24-bit

Scan size, maximum

8.5 x 11.7 in

Scan size (ADF), maximum

8.5 x 14 in

Automatic document feeder capacity

Standard, 50 sheets

Digital sending standard features

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

Scan speed (normal, letter)

Up to 31 ppm/49 ipm (b&w), up to 21 ppm/36 ipm (color)¹⁴1

Scan input modes

Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA

Copy speed black (normal, letter)

Up to 40 cpm

Copy resolution (black text)

Up to 600 x 600 dpi

Copy resolution (color text and graphics)

Up to 600 x 600 dpi

Copy reduce / enlarge settings

25 to 400%

Copies, maximum

Up to 999 copies

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

Faxing

Yes

Fax transmission speed (letter)

3 sec per page¹⁵1

Fax memory

Up to 400 pages

Fax Resolution Black (best)

Up to 300 x 300 dpi (halftone enabled)

Fax Broadcast Locations

119

Fax Speed Dials, Maximum Number

Up to 120 numbers

Fax Auto Redial

Yes

Fax delayed sending

Yes

Junk fax barrier

Yes, CSID matching only (Caller ID not supported)

Fax Polling

Yes (receive only)

Fax forwarding

Yes

Fax PC Interface Supported

Yes, only for sending

Power

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 supply type

Internal (Built-in) power supply

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)²1

Typical electricity consumption (TEC) number

ES: 1.247 kWh/week

Ecolabels

CECP; ENERGY STAR® qualified; EPEAT® Silver

Energy star certified

Yes

Operating temperature range

50 to 90.5°F

Recommended operating humidity range

30 to 70% RH

Minimum dimensions (W x D x H)

16.54 x 15.35 x 12.72 in

(without trays and covers not extended)

3

Maximum dimensions (W x D x H)

16.93 x 25 x 12.8 in

(without trays and covers not extended)

3

Weight

27.78 lb

UPC number

192018915107

Package dimensions (W x D x H)

19.56 x 15.66 x 19.29 in

Package weight

34.1 lb

Quantity per pallet

30 (NA), 24 (EMEA, AP)

Pallet dimensions

47.24 x 39.37 x 102.56 in (NA), 47.24 x 39.37 x 83.27 in (EMEA, AP)

Pallet weight

1072.9 lb (NA), 868.3 lb (EMEA, AP)

Country of origin

Made in Mexico (#BGJ)

What's in the box

HP LaserJet Pro M428fdw
Preinstalled HP Black LaserJet Toner Cartridge (58A for AMS, yield ~3,000 pages)
Getting Started Guide
Support Flyer
Warranty Guide
Regulatory Flyer
Power cord
Phone cord. HP printer software is available at <http://www.hp.com/support>

Cable included

Yes, 1 USB cable

Replacement cartridges

AMS: For distribution and use in North America and Latin America only: HP 58A Black LaserJet Toner Cartridge (~3,000 pages), CF258A HP 58X Black LaserJet Toner Cartridge (~10,000 pages), CF258X; EMEA: For distribution and use in Europe, Middle East, Russia, CIS, and Africa only: HP 59A Black LaserJet Toner Cartridge (~3,000 pages), CF259A HP 59X Black LaserJet Toner Cartridge (~10,000 pages), CF259X; APJ: For distribution and use only in Asia Pacific - excluding China (PRC) and India: HP 76A Black LaserJet Toner Cartridge (~3,000 pages), CF276A HP 76X Black LaserJet Toner Cartridge (~10,000 pages), CF276X

Software included

No software solutions are included in the Box
Download software at <http://123.hp.com/laserjet> or <http://hp.com>

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)

Overview

- 1 Some scan apps may require an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see <http://www.hpconnected.com>
- 2 Connect printer/MFP to the network and complete customization through the Embedded Web Server.
- 3 Wireless operations are compatible with 2.4 GHz and 5 GHz operations. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at <http://hp.com/go/mobileprinting>.
- 4 Feature only supported on the HP LaserJet Pro MFP M428dw and M428fdw. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections
- 5 Feature is supported on the HP LaserJet Pro Mfp M428dw and M428fdw only. Mobile device needs to be connected directly to the WiFi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Learn more at <http://hp.com/go/businessmobileprinting>
- 7 Based on HP review of 2019 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://hp.com/go/PrintersThatProtect>. For more information: <http://hp.com/go/printersecurityclaims>
- 8 Pin printing enabled via USB installed in rear of device.
- 9 Microsoft and PowerPoint are U.S. registered trademarks of the Microsoft group of companies. Feature works with Microsoft Word and PowerPoint 2003 and later. Only Latin language fonts are supported.
- 10 All new product introductions beginning in Fall 2019 will include consistent worldwide default duplex settings (across bundles/drivers); Spring 2019 will include consistent worldwide default duplex settings for most products across the most common drivers.
- 11 Based on HP Internal testing using normalized TEC Value, 2019.

Specifications

- 2 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.
- 5 Local printing requires mobile device and printer to be on the same network (usually Wi-Fi access points bridge wireless to wired connections) or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. For more information visit hp.com/go/mobileprinting. To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit <http://hp.com/go/roam>
- 8 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.
- 11 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.
- 12 HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period
- 14 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- 15 Rates achieved with Fast(V.34), standard resolution and simple images.

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