



HP LaserJet Pro MFP M428dw

The HP LaserJet Pro MFP M428—focus your time growing your business and staying ahead.

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.



Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at: <http://www.hp.com/go/learnaboutsupplies>

Built to keep you—and your business—moving forward

- Scan files directly to Microsoft® SharePoint, email, USB, and network folders.¹
- Help save time by automating all the steps in a complicated workflow and use at a touch of a button.²
- Print wirelessly even without the network, stay connected with dual band Wi-Fi and Wi-Fi direct.^{3,4,5}
- Print effortlessly from any device, virtually anywhere, to any HP printer—securely through the cloud.⁶

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
- Optional HP JetAdvantage Security Manager lets you set configuration
- Thwart potential attacks and take immediate action with instant notification of security issues.¹²

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 2.7" (6.8cm) color touchscreen.
- Print Microsoft office formatted files in addition to pdfs right off your USB drive.⁹
- Avoid interruptions with an HP LaserJet MFP designed to be streamlined for maximum productivity.

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
- Help save energy with HP Auto-on/Auto-off technology.¹³



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> ⁶ 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 or accessory may be required. For more information, visit <http://hp.com/go/roam> 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. ¹² Instant threat notifications can appear on the device control panel when a potential threat occurs from malicious intent or there is a bug or vulnerability in the firmware code of the device. If this error raises concern, please contact your company IT representative or, if unavailable, HP Support, who can investigate the cause through analysis of device syslog data using a standard SIEM tool from McAfee, Splunk, Arcsight or SIEMonster. The control panel error message may show an error code on a blue screen during code signature checks or memory write intrusions. ¹³ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

Technical specifications

Functions / Multitasking supported	Print, Copy, Scan, Email /
Print speed ^{8, 10, 9}	First page out black: As fast as 6.1 sec; Letter: Up to 40 ppm (default) ; Up to 42 ppm (HP High Speed) Black; 2-sided: Up to 33 ipm Black; Color; Print speed (Landscape, AS): Up to 63 ppm Black; Color
Print resolution	Black (best): Fine Lines (1200 x 1200 dpi); Black (normal): Normal (native 600 x 600 dpi; enhanced up to 4800 x 600 dpi); Black (fine lines): Fine Lines (1200 x 1200 dpi);
Print technology	Laser; Print resolution technology: HP FastRes 1200, HP ProRes1200, Economode
Print cartridges number	1 (black)
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster
Printer smart software features	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, HP ePrint, and Wi-Fi Direct Printing, ROAM enabled for easy printing, HP Auto-On/Off Technology, Intuitive 2.7" touchscreen control panel, Scan/Print from Cloud using apps on the control panel, Job Storage with PIN printing, Print from USB, N-up printing, collation
Scan	
Scan speed ¹⁴	Up to 31 ipm (b&w), up to 21 ipm (color)
Scan type / Technology ¹⁴	Flatbed, ADF / Contact Image Sensor (CIS)
Scan resolution	Hardware: Flatbed (Up to 1200 x 1200 dpi); ADF (Up to 300 x 300 dpi); Optical: Up to 1200 x 1200 dpi
Scan file format	PDF, JPG, TIFF
Scan input modes	Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA
Scan Size	ADF: 8.5 x 14 in Maximum; 4 x 6 in Minimum; Flatbed: 8.5 x 11.7 in
Scanner advanced features	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, Quick Sets
Bit depth / Grayscale levels	24-bit/256
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, Quick Sets
Copy	
Copy resolution	Black (text and graphics): Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi
Maximum number of copies	Up to 999 copies
Copier resize	25 to 400%
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
Fax	
Fax Features	Auto fax reduction supported: No; Auto-redialing: No; Distinctive ring detection supported: No;
Connectivity	
Standard connectivity	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
Network capabilities	Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
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
Mobile printing capability ⁵	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; Roam capable for easy printing; Wi-Fi® Direct Printing
Memory	Standard: 512 MB; Maximum: 512 MB
Processor speed	1200 MHz / Storage: Optional Job Storage via external rear host USB port (minimum 16 GB) / Hard disk: No
Duty cycle (monthly) ¹¹	Letter: Up to 80,000 pages; Recommended monthly page volume ¹² : 750 to 4000
Recommended monthly page volume ¹²	750 to 4000
Paper handling	Input Capacities: Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets) Standard; Up to 10 envelopes Output Capacities: Up to 150 sheets Standard Duplex Options: Automatic (default) Envelope feeder: No Standard paper trays: 2

Media types supported	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
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
What's in the box	W1A28A HP LaserJet Pro M428dw; Preinstalled HP Black LaserJet Toner Cartridge (59A for EMEA, 58A for AMS, 76A for AP, yield ~3,000 pages); Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable. HP printer software is available at http://www.hp.com/support
Replacement cartridges ³	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; AP: 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
Product dimensions	W x D x H: 16.54 x 15.35 x 12.72 in; Maximum: 16.93 x 25 x 12.8 in
Product weight	27.78 lb
Warranty features	One-year warranty, return to HP Authorized Service Provider
Energy star certified	Yes
Energy efficiency compliance	ENERGY STAR® qualified; EPEAT® Silver; Blue Angel
Control panel	2.7" Color Touchscreen
Display description	2.7" (6.86 cm) intuitive color touchscreen (CGD)
Software included	No software solutions are included in the Box, only on http://hp.com , http://123.hp.com ;
Compatible operating systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver. For more information on the supported operating systems go to http://support.hp.com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems. For more information on the supported operating systems see http://www.hp.com/go/uld
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 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal Server 2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com , Linux - For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix- For more information see http://hp.com/go/linuxmodelscripts , UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://hp.com/go/uld
Minimum system requirements	PC: 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see http://microsoft.com ; Mac: 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com ;
Power ² ,	Power supply type: Internal (Built-in) power supply; Power requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 230-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 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)
Acoustics	Acoustic power emissions: 6.7 Bel(A) (Printing at 38 ppm)
Operating environment	Operating temperature range: 10 to 32.5°C; Recommended operating temperature: 15 to 27°C; Storage temperature range: -20 to 40°C; Non-operating humidity range: ; Operating humidity range: 10 to 80% RH (non-condensing); Recommended humidity operating range: 30 to 70% RH
Accessories	HP LaserJet 550-sheet Feeder Tray D9P29A; HP v222w 16 GB Mini USB Drive POR81AA
HP Service and Support options	UB956E - HP 3y NBD CLJ Pro MFP M479 SVC; UB957E - HP 4y NBD CLJ Pro MFP M479 SVC; UB958E - HP 5y NBD CLJ Pro MFP M479 SVC; UB959E - HP 3y 4h 9x5 CLJ Pro MFP M479 SVC; UB9T0E - HP 4y 9x5 CLJ Pro MFP M479 SVC; UB9T1E - HP 5y 4h 9x5 CLJ Pro MFP M479 SVC; UB9T2E - HP 3y ChnP/PartsOnly CLJ Pro MFP M479 SVC; UB9T3E - HP 4y ChnP/PartsOnly CLJ Pro MFP M479 SVC; UB9T4E - HP 5y ChnP/PartsOnly CLJ Pro MFP M479 SVC; UB9T5PE - HP 1y PW NBD CLJ Pro MFP M479 SVC; UB9T6PE - HP 1y PW 4h 9x5 CLJ Pro MFP M479 SVC; UB9T7PE - HP 1yPW ChnP/PartsOnly CLJ ProMFP M479 SVC; U9JT1E - HP Inst SVC w/nw Personal Scanner & Print

Learn more at hp.com

¹ Without trays and covers not extended. 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 115 V device. ³ Toner cartridges designed for distribution and use within a designated region only, will not work outside of designated region. ⁴ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit <http://www.hp.com/go/learnaboutsupplies>. 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 <http://www.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>. ⁶ 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 <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Configuration tested: base model, simplex printing, A4 paper at an average of 38 ppm. 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. ⁹ Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. ¹⁰ 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. 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. ¹³ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit <http://www.hp.com/go/SureSupply>; only available with Original HP supplies; Internet access required. ¹⁴ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. ¹⁵ TEC is equal to Best TEC. 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. ¹⁶ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. ¹⁷ In box cartridge yields 3,000 black pages 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/learnaboutsupplies>. Pages may vary based on customer printing conditions and usage. ¹⁸ Measured using ISO/IEC 24734 Office Suite and Feature Tests, 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, document complexity, media size, media orientation and media type. HP High Speed may require FW upgrade to enable.

