HP LaserJet Pro MFP M428fdn (W1A29A)

Overview

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.

Built to keep you—and your business—moving forward

Scan files directly to Microsoft® SharePoint, email, USB, and network folders.[1]

Best-in-class security- detect and stop attacks[6]

A suite of embedded security features help protect your MFP from being an entry point for attacks.[6]

Simply designed to uncomplicate your day

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

Sustainability is smart business

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

Features

Enhanced workflows   Enhanced security

New user interface   Energy efficient

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[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

[6] 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

Specifications

Print Resolution Technologies	HP FastRes 1200, HP ProRes1200, Economode
Print quality black (best)	Fine Lines (1200 x 1200 dpi)
Print speed black (ISO, A4)	Up to 38 ppm (default) ; Up to 40 ppm (HP High Speed)
Print speed black (ISO, letter)	Up to 40 ppm (default) ; Up to 42 ppm (HP High Speed)
Print speed	Prints up to 40/42 ppm (A4/LTR) (HP High Speed)
Functions	Print, Copy, Scan, Fax, Email
Duplex printing	Automatic (default)
Duty cycle (monthly, A4)	Up to 80,000 pages
Duty cycle (monthly, letter)	Up to 80,000 pages[11]
Printer smart software features	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, HP ePrint, and HP Auto-On/Auto-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
Copier smart software features	Instant-on copy; Duplex copy (2-sided to 2-sided option of "book-style" or "flip style"); up to 999 multiple copies; Scan once print many; Collation; Reduce/enlarge from 25 to 400% (custom page size presets, binding margin, and two pages to one page); Fit to page; Brightness (lighter/darker); Quality (draft/normal/best); ID copy; Enhancements (optimize for content with presets: none, text, photo, mixed); Copy preview (scan glass only)
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 archive to network folder, Fax archive to email, Fax to computer, Enable/disable fax, Quick Sets
Fax smart software features	Permanent fax memory backup; 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
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
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[3]
Supplies feature	HP JetIntelligence Cartridge
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)
Modem	33.6 kbps

Network capabilities	Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Mobile printing capability	HP Smart App; HP ePrint; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Google Cloud Print™
Network protocols, supported	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, HP ePrint, Apple AirPrint™, Google Cloud Print 2.0, 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
Software included	No software solutions are included in the Box, Download software at http://123.hp.com/laserjet or http://hp.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
Sustainable impact specifications	Mercury-free
Energy star certified	Yes
Ecolabels	CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified[16]
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy speed (black, normal quality, A4)	Up to 38 cpm
Copy speed black (normal, letter)	Up to 40 cpm
Copy speed black duplex (A4)	Up to 31 cpm
Copy speed black duplex (Letter)	Up to 33 cpm
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
Fax Resolution Black (best)	Up to 300 x 300 dpi (halftone enabled)
Faxing	Yes
Scan speed (normal, A4)	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color)
Scan speed (normal, letter)	Up to 31 ppm/49 ipm (b&w), up to 21 ppm/36 ipm (color)
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 technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, ADF
Display area (imperial)	2.13 x 1.59 in
Display area (metric)	5.4 x 4.05 cm
Display	2.7" (6.86 cm) intuitive color touchscreen (CGD)

Minimum dimensions (W x D x H)	420 x 390 x 323 mm *(without trays and covers not extended)*
Minimum dimensions (W x D x H)	16.54 x 15.35 x 12.72 in *(without trays and covers not extended)*
Weight	12.6 kg
Weight	27.78 lb
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)[2]
Power supply type	Internal (Built-in) power supply
What's in the box	HP LaserJet Pro M428fdn; 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; Phone cord; USB cable (AP Only). HP printer software is available at http://www.hp.com/support[17]
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

Accessories	HP LaserJet 550-sheet Feeder Tray D9P29A; HP v222w 16 GB Mini USB Drive P0R81AA
Acoustic power emissions (active scan)	6.3 Bel(A) (Scanning with ADF running)
Acoustic power emissions (active, printing)	6.7 Bel(A) (Printing at 38 ppm)
Acoustic power emissions (ready)	Inaudible
Acoustic pressure emissions bystander (active scan)	48 dB(A) (Scanning with ADF running)
Acoustic pressure emissions bystander (active, printing)	53 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 50 sheets
Automatic paper sensor	No
Bit depth	24-bit
Bottom margin (A4)	5 mm
Business filter	cMPS
Cable included	Yes, 1 USB cable (AP only); No, please purchase USB cable separately (EMEA, Americas)
Cartons per layer	6
Certifications and compliances	CSA (Canada), ANZ (Australia & New Zealand), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), KC & KCC (South Korea), NOM (Mexico), Malaysia, Singapore, Chile, Vietnam, Eastern European approvals, CE Marking, FCC approval, BIS(India), S-Mark(Argentina), UL listed and etc.
Color or black	Black and white
Color scanning	Yes
Compatible Network Operating Systems	Windows 11; Windows 8; Windows 7; Windows Server; Linux; Citrix; UNIX
Component type	Printer
Control panel	2.7" Color Touchscreen
Copier scaling (ADF)	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
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
Count of layers in pallet	5 (NA), 4 (EMEA,AP)
Country of origin	Made in China
Distinctive ring detection supported	Yes
Downloadable software	From http://123.hp.com, HP Easy Start (Guided Software Install for Windows and Mac), From http://hp.com for Windows OS, Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From http://hp.com for Mac OS, HP Easy Start (Guided Software Install), HP Mac PS Print Driver, HP Easy Admin, For Mobile OS, iOS For more information see http://hp.com/go/businessmobileprinting, Android For more information see http://hp.com/go/businessmobileprinting, From http://hp.com for printer administrators, Printer Administrator Resource Kit (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows, HP ePrint Software (Mobile Driver for Windows), SAP Print Drivers for more information see http://support.hp.com/us-en/document/c05051702, HP Web JetAdmin, HP JetAdvantage Security Manager, HPLIP Linux Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html, Unix Model Script Printer Driver for more information see http://hp.com/go/unixmodelscripts, ReadIris
Driver updates	Latest supported operating systems and Print drivers available at http://www.hp.com/support/ljM428MFP
Duplex ADF scanning	Yes
Duty cycle note	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
Electromagnetic compatibility	CISPR 32:2012/EN 55032:2012 - Class B, CISPR 32:2015/EN 55032:2015 - Class B, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010+A1:2015, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 6;
Engine life	200000
Enhanced scanning resolution	Up to 1200 x 1200 dpi
Envelope Feeder	No
Fax Auto Redial	Yes
Fax Broadcast Locations	119
Fax PC Interface Supported	Yes, only for sending
Fax Polling	Yes (receive only)
Fax Speed Dials, Maximum Number	Up to 120 numbers

Fax Transmission Speed	33.6 kbps
Fax delayed sending	Yes
Fax forwarding	Yes
Fax memory	Up to 400 pages
Fax memory	Up to 400 pages
Fax phone TAM interface supported	Yes
Fax resolution black	Up to 203 x 196 dpi
Fax telephone mode supported	Yes
Fax transmission speed (letter)	3 sec per page[15]
Finished output handling	Sheetfeed
First copy out black (A4)	As fast as 7.2 sec
First copy out black (A4, sleep)	As fast as 9.5 sec
First copy out black (letter)	As fast as 6.8 sec
First copy out black (letter, sleep)	As fast as 9.1 sec
First page out black (A4, ready)	As fast as 6.3 sec
First page out black (A4, sleep)	As fast as 8.8 sec
First page out black (letter, ready)	As fast as 6.1 sec
First page out black (letter, sleep)	As fast as 8.6 sec
Fonts and typefaces	84 scalable TrueType fonts
Input capacity	Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)
Internal Storage	No
Junk fax barrier	Yes, CSID matching only (Caller ID not supported)
Left margin (A4)	4 mm
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)	16.93 x 25 x 12.8 in
Maximum dimensions (W x D x H)	430 x 634 x 325 mm
Maximum input capacity (sheets)	Up to 900 sheets (with Optional 550-sheet tray)
Maximum output capacity (sheets)	Up to 150 sheets
Maximum print area	207.4 x 347.1mm
Media size (ADF)	Letter; Legal; A4; custom sizes 102 x 152 to 216 x 356 mm

Media size, tray 1	Letter; Legal; Executive; Oficio (8.5 x 13 in); 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; 5 x 8 in; B6 (JIS); Statement
Media size, tray 2	Letter; Legal; Executive; Oficio (8.5 x 13 in); 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; 5 x 8 in; B6 (JIS); Statement
Media size, tray 3	Letter; Legal; Executive; Oficio (8.5 x 13 in); 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; 5 x 8 in; B6 (JIS); Statement
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 supported	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)
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
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 sizes, custom	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
Media type and capacity, ADF	Sheets: 50 uncurled
Media type and capacity, tray 1	Sheets: 100; Envelopes: 10
Media type and capacity, tray 2	Sheets: 250
Media type and capacity, tray 3	Sheets: 550 (optional)
Media types	Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels;
Media weight (tray 1)	60 to 200 g/m²
Media weight (tray 2)	60 to 120 g/m²
Media weight (tray 3)	60 to 120 g/m² (optional 550-sheet tray)
Media weight, supported	Tray 1: 16 to 46.6 lb; tray 2, optional 550-sheet tray 3: 16 to 32 lb
Media weight, supported	Tray 1: 60 to 200 g/m² ; tray 2, optional 550-sheet tray 3: 60 to 120 g/m²
Media weights, supported ADF	16 to 32 lb
Media weights, supported ADF	60 to 120 g/m²
Memory	512 MB
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;
Native scan file format	PDF; JPG
Number of print cartridges	1 (black)
Number of users	3-10 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	50 to 90.5°F
Operating temperature range	10 to 32.5°C
Output capacity	Up to 150 sheets
Package dimensions (W x D x H)	19.56 x 15.66 x 19.29 in
Package dimensions (W x D x H)	497 x 398 x 490 mm
Package weight	15.5 kg
Package weight	34.1 lb
Page yield (set-up/inbox cartridges)	~3000 pages black
Pallet dimensions	47.24 x 39.37 x 102.56 in (NA), 47.24 x 39.37 x 83.27 in (EMEA, AP)
Pallet dimensions (W x D x H)	1200 x 1000 x 2605 mm (NA), 1200 x 1000 x 2115 mm (EMEA, AP)
Pallet weight	1072.9 lb (NA), 868.3 lb (EMEA, AP)
Pallet weight	487.7 kg (NA), 394.7 kg (EMEA, AP)
Paper handling input, optional	Optional third 550-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
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)
Print Technology	Laser
Print colors	No
Print languages	HP PCL 6, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster
Print quality black (normal)	Normal (native 600 x 600 dpi; enhanced up to 4800 x 600 dpi)
Print resolution black (fine lines)	Fine Lines (1200 x 1200 dpi)
Print speed black (Landscape, A5)	Up to 63 ppm
Print speed black (Portrait, A5)	Up to 14 ppm
Print speed duplex (A4)	Up to 31 ipm

Print speed duplex (letter)	Up to 33 ipm
Print speed footnote number (A5)	[9]
Print technology	Laser
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)
Printer black pages (MPV black)	1200
Processor speed	1200 MHz
Product long name specifications	HP LaserJet Pro MFP M428fdn - Print, Copy, Scan, and Fax; Prints up to 40 ppm (Letter); Scan to email/Folder/USB/Cloud; Up to 80,000 page duty cycle; 750-4,000 recommended monthly page volume; Gigabit ethernet networking; Auto-duplex printing; Single-pass 2 sided scanning
Product short name specifications	HP LaserJet Pro MFP M428fdn, Black and white, Printer for Business, Print, Copy, Scan, Fax, Email, Scan to email; Two-sided scanning
Quantity per pallet	30 (NA), 24 (EMEA,AP)
RMN number	SHNGC-1801-00
Recommended media weight (duplex)	16 to 32 lb
Recommended media weight (duplex)	60 to 120 g/m²
Recommended monthly page volume	750 to 4000[12]
Recommended monthly scan volume	750 to 4000
Recommended monthly scan volume note	750 - 4,000
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	59 to 80.6°F
Recommended operating temperature range	15 to 27°C
Resolution	Up to 1200 x 1200 dpi
Resolution (black and white, standard mode)	203 x 98 dpi
Resolution (black and white, superfine mode)	Up to 300 x 300 dpi (no halftone)
Resolution (black photo grayscale)	300 x 300 dpi (halftone)
Right margin (A4)	4 mm
Safety	IEC 60950-1:2005 +A1:2009+A2:2013/EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013; IEC 60825-1:2014/EN 60825-1:2014 (Class 1 Laser/LED Product); IEC 62479:2010/EN 62479:2010;

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	4 x 6 in
Scan size (ADF), minimum	102 x 152 mm
Scan size, maximum	8.5 x 11.7 in
Scan size, maximum	216 x 297 mm
Scan speed duplex (normal, A4)	Up to 46 ipm (b&w), up to 34 ipm (color)
Scan speed duplex (normal, letter)	Up to 49 ipm (b&w), up to 36 ipm (color)
Security management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected 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, and SNMPv3, 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, 802.1x authentication (EAP-TLS, and PEAP); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, compatible with optional HP JetAdvantage Security Manager
Segment (filter)	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;
Standard media sizes (duplex)	A4; Oficio; Letter; Legal
Standard media sizes (duplex, imperial)	Letter; Legal; Oficio; A4
Standard output capacity (envelopes)	Up to 10 envelopes
Storage device and direct print support	USB Printing; Optional job storage via external rear host USB port (Minimum 16GB)
Storage temperature range	-4 to 104°F
Storage temperature range	-20 to 40°C
Target user and print volume	For teams up to 10 users; Prints up to 4,000 pages/month
Tariff numbers	(AM) 8443310000; (EU) 8443310000; (AP) 84433131
Telecom compliance (fax capability)	Fax Telecom: ETSI ES 203 021; FCC Rules and Regulations 47 CFR Part 68; Other Telecom approvals as required by individual countries.
Top key features	Scan to email; Two-sided scanning
Top margin (A4)	5 mm
Twain version	Version 2.3

Typical electricity consumption (TEC) number	1.144 kWh/Week (Blue Angel); 0.4125 kWh/Week (Energy Star 3.0)[18]
UNSPSC code	43212110
UPC number	(696) 194441428988; (697) 194441428995; (AB0) 192018914889; (ABT) 192018914919; (ABY) 192018914926; (AC8) 194441429008; (ACQ) 192018914933; (B13) 192018914940; (B19) 192018914957; (BAZ) 192018914964; (BBU) 192018914896; (BGJ) 192018914971; (BGM) 192018914902
Warm-up time	As fast as 45 sec
Waste electrical and electronic weight	12.6 kg
Web address for additional information	http://www.hp.com/go/support

[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.

[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

[15] Rates achieved with Fast(V.34), standard resolution and simple images.

[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/IWC 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] 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.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 76X High Yield Black Original LaserJet Toner Cartridge	**CF276X ★**
HP 58A Black Original LaserJet Toner Cartridge	CF258A
HP 58X High Yield Black Original LaserJet Toner Cartridge	CF258X
HP 59A Black Original LaserJet Toner Cartridge	CF259A
HP 59X High Yield Black Original LaserJet Toner Cartridge	CF259X
HP 76A Black Original LaserJet Toner Cartridge	CF276A
HP 77A Black Original LaserJet Toner Cartridge	CF277A
HP 77X High Yield Black Original LaserJet Toner Cartridge	CF277X

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper, Glossy, 150 g/m2, A4 (210 x 297 mm), 150 sheets	CG965A
HP Enhanced Business Paper, Glossy, 40 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	Q6611A
HP Enhanced Business Paper, Matte, 40 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	Q6543A
HP Enhanced Tri-Fold Business Paper Glossy 40 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	Q6612A
HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN08A
HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Glossy 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN10A
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A
HP Professional Business Paper Matte 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN05A

HP Business Papers for laser and inkjet

HP HeavyWeight Project Paper Matte 40 lb 8.5 x 11 in. (216 x 279 mm) 250 sheets	Z4R14A
HP Professional Business Paper Glossy 48 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	Q1987A

HP Professional Tri-Fold Business Paper Glossy 48 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN12A

HP Paper for Multiple Uses

HP Recycled Paper

HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN07A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN11A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV81A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV82A

HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

HP Professional Business Paper, Glossy, 48 lb, 8.5 x 11 in. (216 x 279 mm), 50 sheets	6MF93A

Accessories

Paper Handling

Input Trays

HP LaserJet Pro 550-sheet Feeder Tray	D9P29A ★

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Hardware Support Onsite Svc

HP 1 year Post Warranty Next Business Day Service for LaserJet Pro MFP M428 M429 M329	UB9S2PE
HP 2 year 4-hour 9x5 Service for LaserJet Pro MFP M428 M429 M329	U05XHE
HP 2 year Next Business Day Service for LaserJet Pro MFP M428 M429 M329	U05XGE
HP 3 year Next Business Day Service for LaserJet Pro MFP M428 M429 M329	UB9R7E
HP 4 year Next Business Day Service for LaserJet Pro MFP M428 M429 M329	UB9R8E
HP 5 year Next Business Day Service for LaserJet Pro MFP M428 M429 M329	UB9R9E

Imaging and Printing Commercial Care Pack Services

HP 1 year Post Warranty Return to Depot Service for LaserJet Pro MFP M428 M429 M329	UB9S5PE
HP 3 year Return to Depot Service for LaserJet Pro MFP M428 M429 M329	UB9S1E
HP Installation Service with network configuration for Personal Scanner and Printer (1 unit)	U9JT1E

Solutions

HP Document and Workflow Solutions

★ : Recommended

HP Document and Workflow Solutions Mobile Printing

HP Roam for Business	HPROAM

HP Document and Workflow Solutions Print Management

HP Universal Print Driver	HPUNIVPRNTDRV

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