HP LaserJet Pro MFP M428fdn (W1A29A)

Active as of 6/1/2019

Detailed Specifications

Accessories
D9P29A HP LaserJet Pro 550-sheet Feeder Tray; P0R81AA HP v222w 16GB Mini USB Drive

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 power footnote number
[7]

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

Blue Angel compliant
Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies

Bottom margin (A4)
5 mm

Cable included
Yes, 1 USB cable (AP only); No, please purchase USB cable separately (EMEA, Americas)

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.

Code name
Teton 4:1 fdn

Color scanning
Yes

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 - Upto 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/unixmodelscripts, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://hp.com/go/upd

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/upd

Connectivity, standard
1 Hi-Speed USB 2.0;1 rear host USB; 1 Front USB port; Gigabit Ethernet LAN 10/100/1000BASE-T network

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

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)

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 (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

Copy speed footnote number
[6]

Count of cartons per pallet layer
6

Count of layers in pallet
5 (NA), 4 (EMEA,AP)

Country of origin
Made in China

Datasheet photo 1
Publication photos/W1A29A.jpg

Datasheet photo 4

Publication photos/M428 walkaround.jpg

Datasheet publication number
4AA7-4859

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

Dimension note (imperial)
without trays and covers not extended

Dimension(W x D x H) Footnote Number
[1]

Dimensions (W x D x H) Note
without trays and covers not extended

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

Display area (imperial)
2.13 x 1.59 in

Display area (metric)
5.4 x 4.05 cm

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, HP Roam, 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

Duplex printing
Automatic (default)

Duty cycle (monthly, A4)
Up to 80,000 pages

Duty cycle (monthly, letter)
Up to 80,000 pages

Duty cycle footnote number
[11]

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.

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;

Energy efficiency
CECP; ENERGY STAR® qualified; EPEAT® Silver

Energy efficiency compliance footnote number
[16]

Energy savings feature technology
HP Auto-On/Auto-Off Technology; Instant-on Technology

Energy star certified
Yes

Enhanced scanning resolution
Up to 1200 x 1200 dpi

Envelope Feeder
No

Environmental
Mercury-free

Fax Auto Redial
Yes

Fax Broadcast Locations
119

Fax delayed sending
Yes

Fax forwarding
Yes

Fax memory
Up to 400 pages

Fax memory
Up to 400 pages

Fax PC Interface Supported
Yes, only for sending

Fax phone TAM interface supported
Yes

Fax Polling
Yes (receive only)

Fax resolution black
Up to 203 x 196 dpi

Fax Resolution Black (best)
Up to 300 x 300 dpi (halftone enabled)

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

Fax Speed Dials, Maximum Number
Up to 120 numbers

Fax telephone mode supported
Yes

Fax Transmission Speed
33.6 kbps

Fax transmission speed (letter)
3 sec per page

Fax Transmission Speed Footnote Number
[15]

Faxing
Yes

FCC Class A emissions
FCC Class A emissions - for use in commercial environments, not residential environments

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

First page out footnote number
[10]

Fonts and typefaces
84 scalable TrueType fonts

Functions
Print, Copy, Scan, Fax, Email

Image legal disclaimer
Product image may differ from actual product

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 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 (envelopes)
Up to 10 envelopes

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

Maximum Memory
512 MB

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: 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
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, key
10 x 15 cm; A4; Envelopes

Media sizes supported, key
4 x 6 in; Letter; Legal; 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 dimensions (W x D x H)
16.54 x 15.35 x 12.72 in

Minimum dimensions (W x D x H)
420 x 390 x 323 mm

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;

Mobile printing capability
HP Smart App; Apple AirPrint™; Google Cloud Print™; HP ePrint; Mobile Apps; Mopria™ Certified; Roam capable for easy printing

Mobile printing capability footnote number
[5]

Modem
33.6 kbps

Native scan file format
PDF; JPG

Network capabilities
Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X

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

Number of print cartridges
1 (black)

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
CF258A HP 58A Black Original LaserJet Toner Cartridge; CF258X HP 58X High Yield Black Original LaserJet Toner Cartridge

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 footnote number
[4]

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)

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)

Power consumption footnote number
[2]

Power supply type
Internal (Built-in) power supply

Print colors
No

Print languages
HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster

Print quality black (best)
Fine Lines (1200 x 1200 dpi)

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 Resolution Technologies
HP FastRes 1200, HP ProRes1200, Economode

Print speed
Prints up to 38/40 ppm (A4/LTR)

Print speed (A4/letter) footnote number
[8]

Print speed black (ISO, A4)
Up to 38 ppm

Print speed black (ISO, letter)
Up to 40 ppm

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

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 smart software features
Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, ROAM capable for easy printing, 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

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

Quantity per pallet
30 (NA), 24 (EMEA,AP)

Recommended media weight (duplex)
16 to 32 lb

Recommended media weight (duplex)
60 to 120 g/m²

Recommended monthly page volume
750 to 4000

Recommended monthly page volume footnote number
[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
15 to 27℃

Recommended operating temperature range
59 to 80.6℉

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

Replacement cartridges footnote number
[3]

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

RMN number
SHNGC-1801-00

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 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 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 152 mm

Scan size (ADF), minimum
4 x 6 in

Scan size, maximum
216 x 297 mm

Scan size, maximum
8.5 x 11.7 in

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 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)

Scan speed footnote number
[14]

Scan technology
Contact Image Sensor (CIS)

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

Scanner type

Flatbed, ADF

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

Services (Care Pack)

UB9R7E – HP 3y NBD LJ Pro MFP M428 M429 M329 SVC; UB9R8E – HP 4y NBD LJ Pro MFP M428 M429 M329 SVC; UB9R9E – HP 5y NBD LJ Pro MFP M428 M429 M329 SVC; UC0R2E – HP 3y4h9x5 LJ Pro MFP M428 M429 M329 SVC; UC0R3E – HP 4y4h9x5 LJ Pro MFP M428 M429 M329 SVC; UC0R4E – HP 5y4h9x5 LJ Pro MFP M428 M429 M329 SVC; UB9S0E – HP 3y NBDExchg LJ ProMFPM428M429M329 SVC; UB9S1E – HP 3y RTD LJ Pro MFP M428 M429 M329 SVC; UB9S2PE – HP 1yPWNBD LJ Pro MFP M428 M429 M329 SVC; UB9S3PE – HP 2yPWNBD LJ Pro MFP M428 M429 M329 SVC; UC0R5PE – HP 1yPW4h9x5 LJProMFP M428 M429 M329 SVC; UB9S4PE – HP1yPWNBDExchg LJProMFP M428M429M329 SVC; UB9S5PE – HP 1yPWRTD LJ Pro MFP M428 M429 M329 SVC

Software included

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

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

-20 to 40°C

Storage temperature range

-4 to 104°F

Supplies feature

HP JetIntelligence Cartridge

SureSupply footnote number

[13]

SureSupply supported

Yes

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

Tech spec footnote

[1] Without trays and covers not extended.

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[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

Tech spec footnote

[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.

Tech spec footnote

[14] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Tech spec footnote

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

Tech spec footnote

[16] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[3] Toner cartridges designed for distribution and use within a designated region only; will not work outside of designated region.

Tech spec footnote

[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

Tech spec footnote

[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

Tech spec footnote

[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 and document complexity.

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[9] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC,

media orientation, and media type.

Technology logo, print 1
Publication logos/AMS_EnergyStar.jpg

Technology logo, print 2
Publication logos/AMS_ windows_10.jpg

Technology logo, print 3
Publication logos/AMS_mac_hires.jpg

Technology logo, print 4
Publication logos/AMS_AirPrint.jpg

Technology logo, print 5
Publication logos/AMS_Mopria.jpg

Technology logo, print 6
Publication logos/AMS_Epeat silver.jpg

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) footnote number
[18]

Typical electricity consumption (TEC) number
ES: 1.247 kWh/week

UNSPSC code
43212110

UPC number
194441428995

Warm-up time
As fast as 45 sec

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)

Waste electrical and electronic weight
12.6 kg

Web address for additional information
http://www.hp.com/go/support

Weight
12.6 kg

Weight
27.78 lb

What is in the box footnote number
[17]

What's in the box
HP LaserJet Pro M428fdn; 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