HP LaserJet MFP M442dn (8AF71A)



Overview

Count on legendary HP performance and reliability at an affordable price

Surpass your office printer expectations with the speed, quality, and efficiency of HP LaserJet office printers.

A printer to handle your printing volume needs

Simplify workflows with automatic paper-handling solutions, efficient scan solutions, and copying.[1,2]

Reliable and productive

Bring together remote monitoring and shared resources to help optimise your print environment.[3]

Get great value from your office printer

Help maximise value and minimise budget impact with an attractive purchase price and affordable running costs.

Features

High print speed	Standard networking
Scan to Email/SMB/FTP	1200 x 1200 dpi
Job accounting	PIN print

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[1] Automatic two-sided printing is standard on the HP LaserJet MFP "dn" and "nda" models.

[2] Reversing automatic document feeder is standard on the HP LaserJet MFP "nda" model. Requires a separate purchase for the HP LaserJet MFP "dn" model. Installation from HP Authorized service provider only.

[3] Not all HP Web Jetadmin features are supported. HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin.

Specifications

Print quality black (best)	Up to 1200 x 1200 dpi
Print speed black (ISO, A4)	Up to 24 ppm
Print speed	Print speed up to 24 ppm (black)
Bottom margin (A4)	4.5 mm
Left margin (A4)	4.5 mm
Right margin (A4)	4.5 mm
Top margin (A4)	4.5 mm
Functions	Print, copy, scan
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 50,000 pages per month
Printer smart software features	4 line LCD, 4 Quick-set buttons
Copier smart software features	ID Copy, Book Copy, N-UP, Reduce/Enlarge
Scanner advanced features	Scan to E-mail; Scan to FTP; Scan to SMB; Scan to PC
Replacement cartridges	W1335A HP Original 335A LaserJet Toner Cartridge (yield 7,400 ISO pages); W1335X HP Original 335X High-Yield Black LaserJet Toner Cartridge (yield 13,700 ISO pages); CF257A HP 57A Original LaserJet Imaging Drum (yield 80,000 pages)
Connectivity, standard	Hi-Speed USB 2.0 Device, Ethernet 10/100 Base TX
Network capabilities	Standard (build-in 10/100 Base TX Ethernet)
Wireless capability	No
Network protocols, supported	IP Management: DHCP, DHCPv6, BOOTP, AutoIP, Static; Discovery Protocol: UPnP, mDNS, DNS, WINS; Printing Protocol: TCP/IP (9100), TCP/IP (9100)v6, LPR, LPRv6, IPP, WSD; Management Protocol: SNMPv1.2, SNMPv1.2(IPv6), SNMPv3, SNMPv3(IPv6), HTTP; Scan Protocol: Twain for Network, SMTP, SMB, FTP; Security Protocol: IPSec
Software included	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP Scan to PC Lite
Compatible Operating Systems	Windows 7 (32/64-bit); Windows 2008 Server R2; Windows 8 (32/64-bit); Windows 8.1 (32/64-bit); Windows 10 (32/64-bit); Windows 2012 Server; Windows 2016 Server; Red Hat Enterprise Linux : 5, 6, 7; Fedora : 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26; openSUSE : 112, 11.4, 12.1, 121.2, 12.3, 13.1, 13.2, 42.1; Ubuntu : 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10, 15.04, 15.10, 16.04, 16.10, 17.04, 17.10, 18.04, 18.10, 19.04; SUSE Linux Enterprise Desktop : 10, 11, 12; Debian : 6, 7, 8, 9; Linux Mint : 15, 16, 17, 18[3] *(Windows 7 or higher)*
Sustainability specifications	Mercury free
Energy star certified	No
Copy speed (black, normal quality, A4)	Up to 24 cpm

Copy speed black duplex (A4)	Up to 12 cpm
Digital sending standard features	Scan to Email(SMTP over SSL); Send to FTP; Send to SMB; Scan to PC; Scan to WSD; Local Address Book
Scan speed (normal, A4)	Up to 33 ipm (black and white); Up to 33 ipm (colour)
Scan file format	PDF, JPEG, TIFF
Scan technology	Digital-CMOS Image Sensors (D-CIS)
Scanner type	Flatbed
Display area (metric)	59 x 30.5 mm
Display	4-line LCD
Dimensions (W x D x H)	560 x 540 x 417 mm
Weight	25.4 kg (includes supplies)
Power consumption	580 watts (active printing), 80 watts (ready) 0.7 watts (sleep), 0.2 watts (off)[4]
Power supply type	Built-in Universal Power supply
What's in the box	HP LaserJet MFP M442dn printer; Power cord; Toner Cartridge; User Guide; USB cable[5]
Manufacturer Warranty	One-year, on-site limited warranty

Additional specifications

Acoustic power emissions (active, printing)	6.6 B(A) (printing at 24 ppm)
Acoustic power emissions (ready)	Inaudible
Acoustic pressure emissions bystander (active, printing)	51 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Automatic paper sensor	No
Bit depth	24-bit
Cable included	1 USB cable for PC to Printer connection
Cartons per layer	2
Certifications and compliances	Eastern European country approvals, CE Marking and other Safety & EMC certification approvals as required by individual countries
Color or black	Black and white
Color scanning	Yes
Compatible Network Operating Systems	Windows OS compatible with In-Box Driver; Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows Server 2008 32/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from http://www.hp.com; Windows Server 2003/2003 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Windows Server 2008/2008 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services); Windows 8 (32/64-bit) recommend v5.86+, 8.1 recommend v5.94+; Windows 7 (32/64-bit) recommend v5.82+; Windows Vista (32/64-bit) recommend v5.82+; Windows XP/SP3 (32/64-bit) recommend v5.82+
Control panel	4-Line LCD, power button LED (White 1EA) Navi. Key LED (White 4EA) status LED (Green 1EA, Orange 1EA), power key, start key, stop key, cancel key, reset key, numerical key (12EA), OK key, menu key (2EA), mode key (2EA), function key (4EA)
Copier scaling (ADF)	25 to 400%
Copier settings	600 x 600 dpi x 2 bit; Originals content settings: Text, Text/Photo, Photo, Map; Reduce/Enlarge scaling: 25 to 400% ; Copy qty settings: 1 to 999; Darkness controls: 11 levels (Light, Normal, Dark); Collation: Yes (Limited); N-up: A3: 2/4/8/16-up; A4: 2/4/8-up
Copies, maximum	Up to 999 copies

Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 x 600 dpi
Copy speed black (normal, A3)	Up to 13 cpm
Copy speed black (normal, Tabloid)	Up to 13 cpm
Copy speed black duplex (A3)	Up to 8 cpm
Copy speed black duplex (Tabloid)	Up to 8 cpm
Count of layers in pallet	3
Datasheet photo 1	AHID/0fa5d14c6f5d5b92cfefbf093661c54711304cdb
Datasheet photo 2	AHID/0ea80623d5411946f66ba0f275f2ff5952faf1ee
Datasheet photo 3	Publication photos/HP LaserJet MFP M442dn_8AF71A_wap.jpg
Datasheet photo 4	Publication logos/2-sided_printing_thin_icon.jpg
Datasheet photo 5	Publication logos/A3-11x17_inch_media_thin_icon.jpg
Datasheet publication number	4AA7-6931
Downloadable software	V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP Scan to PC Lite
Driver updates	Latest printer driver upgrade information available from HP Support web site at http://www.hp.com/support/ljM442MFP
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 A, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010, EMC Directive 2014/30/EU with CE Marking (Europe), other EMC approvals as required by individual countries.
Email addresses stored	200
End of Life CO2e (kg)	46
Energy Usage CO2e (kg)	64
Enhanced scanning resolution	Up to 4800 × 4800 dpi
Envelope Feeder	No
File Format Supported	PDF; JPEG; TIFF
Finished output handling	No
First copy out black (A4)	As fast as 7.1 sec
First copy out black (A4, sleep)	As fast as 21.6 sec
First page out black (A4, ready)	As fast as 7.7 sec
First page out black (A4, sleep)	As fast as 21.6 sec
Fonts and typefaces	49 Scalable Fonts / 1 Bitmap
Input capacity	Up to 350 Sheets

Levels of grayscale	256
Mac compatible	No
Maximum Input Capacity (envelopes)	Occasional use only
Maximum dimensions (W x D x H)	960 x 1090 x 933 mm
Maximum input capacity (sheets)	Up to 600 Sheets
Maximum output capacity (sheets)	Up to 250 Sheets
Maximum print area	297 x 914 mm
Media size, tray 1	A3, A4, A5, A6, B4 (JIS), B5 (JIS), Oficio, 8K, 16K, Envelope DL, Envelope C4, Envelope C5, Envelope C6, 4x6, 98 x 148 mm to 297 x 432 mm
Media size, tray 2	A4; A5; B4 (JIS); B5 (JIS); Oficio; 16K; 148 x 210 to 297 x 354 mm
Media size, tray 3	Tray 1: 60 to 163 g/m²
Media sizes supported	A3; A4; A5; A6; B4 (JIS); B5 (JIS); 8K; 16K; Oficio 216 x 340 mm
Media sizes supported, key	A4; A3
Media sizes, custom	Tray 1: 98 x 148 to 297 x 432 mm; Tray 2: 148 x 210 to 297 x 354 mm
Media type and capacity, tray 1	Sheets: 100
Media type and capacity, tray 2	Sheets: 250
Media type and capacity, tray 3	Optional Tray 3; Sheets: 250
Media types	Plain, Mid-weight, Light, Coloured, Preprinted, Recycled, Intermediate, Prepunched
Media weight (tray 1)	Tray 1: 60 to 163 g/m²
Media weight (tray 2)	Tray 2: 60 to 110 g/m²
Media weight, supported	Tray 1: 60 to 163 g/m²; Tray 2: 60 to 110 g/m²
Memory	512 MB
Minimum System Requirements	CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; For OS hardware requirements see http://www.microsoft.com for Windows; Pentium IV 2.4GHz (Intel Core™2); RAM 512 MB (1 GB); Free available hard disk space 1 GB (2 GB) for Linux
Model number	M442dn
Native scan file format	PDF; JPG; TIFF
Number of users	Over 25 Users
Operating humidity range	20 to 80% RH
Operating temperature range	10 to 30°C
Output capacity	Up to 250 Sheets
Package dimensions (W x D x H)	738 x 721 x 678 mm
Package weight	31.5 kg

Page yield footnote	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
Pallet dimensions (W x D x H)	EMEA/AMS :750 x 1454 x 2040mm, APJ :750 x 1454 x 2154mm
Pallet weight	EMEA/AMS : 189 kg, APJ : 199 kg
Paper handling input, optional	Optional 250 sheets
Paper handling input, standard	Tray 1: 100 sheet; Tray 2: 250 sheet
Paper handling output, optional	No
Paper handling output, standard	Up to 250 Sheets
Paper trays, maximum	3
Paper trays, standard	2
Photo (product photo, jpg, 70x100)	Printers and Multifunction/hp-laserjet-m5035-mfp-series_70x100.jpg
Power	AC 220 - 240V: 50/60Hz
Print Cartridges/Bottle, Number	2 (black)
Print Technology	Laser
Print colors	No
Print languages	PS, PLC 6
Print quality black (normal)	Up to 600 x 600 dpi
Print resolution black (fine lines)	Up to 1200 x 1200 dpi
Print speed black (Landscape, A5)	Up to 24 ppm
Print speed black (normal, A3)	Up to 13 ppm
Print speed black (normal, tabloid)	Up to 13 ppm
Print speed duplex (A3)	Up to 8 ppm
Print speed duplex (A4)	Up to 12 ppm
Print speed duplex (tabloid)	Up to 8 ppm
Print technology	Laser
Printer Management	HP Web Jetadmin
Processor speed	600 MHz
Product long name specifications	HP LaserJet MFP M442dn, Black and white Printer for Business, print, copy, scan
Product short name specifications	HP LaserJet M442dn Multifunction Black and white Printer, Ethernet Only; Copier, Scanner
Production CO2e (kg)	228
Quantity per pallet	6
Recommended media weight (duplex)	60 to 110 g/m²

Recommended monthly page volume	2,000 to 5,000 pages[2]
Recommended monthly page volume note	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.
Recommended operating humidity range	20 to 80% RH
Recommended operating temperature range	10 to 30°C
Resolution	Up to 600 x 600 dpi
Safety	IEC 60950-1:2005+A1:2009+A2:2013 (International), EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 (EU), IEC 60825-1:2014, EN60825-1:2014 (Class 1 Laser/LED Device), Low Voltage Directive 2014/35/EU with CE Marking (Europe); Other safety approvals as required by individual countries
Scan resolution, hardware	Up to 600 × 600 dpi
Scan resolution, optical	Up to 600 dpi
Scan size, maximum	297 x 432 mm
Scan speed (normal, A3)	Up to 21 ipm (black and white); Up to 14 ipm (colour 200 dpi); Up to 9 ipm (colour 300 dpi)
Scan speed (normal, tabloid)	Up to 21 ipm (black and white); Up to 14 ipm (colour 200 dpi); Up to 9 ipm (colour 300 dpi)
Scan speed duplex (normal, A3)	Up to 9 ipm (black and white); Up to 7 ipm (colour)
Scan speed duplex (normal, A4)	Up to 13 ipm (black and white); Up to 12 ipm (colour)
Scan speed duplex (normal, Tabloid)	Up to 9 ipm (black and white); Up to 7 ipm (colour)
Security management	Embedded Web Server: password protection/encryption, Secure Erase of Client Data, configurable login failure policy, configurable auto logout, Certificate Management, Pre-Shared Key Authentication, Support for WJA-10, IPv4/v6/mac address filtering, SMTP server Certificate Validation, Encrypted Customer Data Storage, secure browsing via SSL/TLS, SMTP over SSL/TLS, IPP over SSL/TLS, IPsec, SNMPv3
Segment (filter)	Business
Software scan file format	Windows Scan SW supports file format: RAW(BMP), JPG, PDF, PNG, TIFF
Standard media sizes (duplex)	60 to 110 g/m²
Standard output capacity (envelopes)	Occasional use only
Standard output capacity (transparencies)	No
Storage temperature range	-20 to 40°C
Technology logo 2	Publication logos/HP Care Pack Services_logo.jpg
Technology logo 3	Publication logos/USBhiColour.jpg
Technology logo 4	Publication logos/windows 10_logo_EMEA.jpg

Total CO2e (kg)	351 *(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)*
Transportation CO2e (kg)	13
Twain version	Version 2.1
Typical electricity consumption (TEC) footnote	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 230V.
Typical electricity consumption (TEC) number	1.100 kWh/Week
UNSPSC code	43212110
UPC number	(B09) 194441335217; (B19) 194441017663
Warm-up time	29 sec
What is in the box footnote	Ships with one HP Original Black LaserJet Introductory Toner cartridge (yield 4,000 pages) and one HP Original Imaging Drum (yield 80,000 pages). Declared yield value in accordance with ISO/IEC 19752 in continuous printing. Actual yields vary considerably based on images printed and other factors. For more information visit: http://www.hp.com/go/learnaboutsupplies

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[2] 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.

[3] Windows 7 or higher.

[4] 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 230V device.

[5] Ships with one HP Original Black LaserJet Introductory Toner cartridge (yield 4,000 pages) and one HP Original Imaging Drum (yield 80,000 pages). Declared yield value in accordance with ISO/IEC 19752 in continuous printing. Actual yields vary considerably based on images printed and other factors. For more information visit: http://www.hp.com/go/learnaboutsupplies.

Services

Document & Printing

★ : Recommended

Support Services (for Document & Printing)

HP 3 year Next Business Day w/DMR Service for Laserjet M43x M44x M4252x 4262x MFP	**U9JT4E ★**
HP 1 year Post Warranty Next Business Day w/DMR Service for Laserjet M43x M44x M4252x M4262x MFP	U9JU3PE
HP 4 year Next Business Day w/DMR Service for Laserjet M43x M44x M4252x 4262x MFP	U9JT5E
HP 5 year Next Business Day w/DMR Service for Laserjet M43x M44x M4252x 4262x MFP	U9JT6E
HP Installation Service with network configuration for Workgroup Printer (1 unit)	U9JT2E
HP Print Carbon Emissions Sync Service for A3 Products only	U67T1E

Accessories

Printer Accessories

★ : Recommended

LaserJet Options

HP 250 Sheet Paper Tray Stand	58D79A

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 335A Black Original LaserJet Toner Cartridge	W1335A
HP 335X High Yield Black Original LaserJet Toner Cartridge	W1335X

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 Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A

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