Data sheet

HP LaserJet MFP M438 series

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.



HP LaserJet MFP M438n



HP LaserJet MFP M438dn



HP LaserJet MFP M438nda

A printer to handle your printing volume needs

- Simplify workflows with automatic paper-handling solutions, efficient scan solutions, and copying.[1,2]
- Conserve resources with automatic two-sided printing and copying—consume up to 50% less paper.
- Capture both sides of the page with ease, using the 100-sheet reversing automatic document feeder.
- Launch tasks at the device—streamline copying; capture a two-sided ID; and darken, enlarge, or reduce images.

Reliable and productive

- Bring together remote monitoring and shared resources to help optimize your print environment.[3]
- Identify new devices and gain insight into printing with HP Web Jetadmin remote discovery and monitoring.[3]
- Easily set up, print, and share printing resources with built-in Ethernet networking.

Get great value from your office printer

- Help maximize value and minimize budget impact with an attractive purchase price and affordable running costs.
- Help save budget and put affordable MFP performance to work for your business.
- Help protect your investment and get affordable running costs, using Original HP toner cartridges.

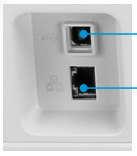
Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at http://www.hp.com/go/learnaboutsupplies

Product walkaround



Front view

HP LaserJet MFP M438nda shown



Right side I/O panel closeup

Series at a glance





	HP LaserJet MFP M438n	HP LaserJet MFP M438dn	HP LaserJet MFP M438nda
Product number	8AF43A	8AF44A	8AF45A
Print and copy speeds[3]	Up to 22 pages per minute; Up to 22 copies per minute *(all models)*		
Duplex printing	Manual	Automatic (default[4])	Automatic (default[4])
Scan speeds, simplex[5]	A4: Up to 33 images per minute (ipm) (black and colour); A3: Up to 21/14 ipm (black/colour)		
100-sheet reversing ADF[2]	Not available	Optional	✓
ID copy, book copy, N-up, reduce/enlarge	✓	✓	✓
Input capacity (standard)	350 sheets (Multipurpose tray 1: Up to 100 sheets; Tray 2: Up to 250 sheets) *(all models)*		
Input capacity (maximum)	350 sheets	600 sheets (with purchase of optional 250-sheet tray 3[6])	
Output capacity	250 sheets *(all models)*		
Long-life supplies[7]	Cartridge yield (A/X): Black: ~7,400/13,700 pages; Original HP Imaging Drum: ~80,000 pages (all models)		
Job accounting, PIN printing, remote management, and scan to PC/email/SMB/FTP	Not available	✓	✓

[1] Automatic two-sided printing is standard on the HP LaserJet MFP M438 dn and nda models only. Automatic two-sided copying is standard on the M438nda model only.
[2] Reversing automatic document feeder is standard on the HP LaserJet MFP M438 nda model only. It is not available on the HP LaserJet MFP M438n and requires a separate purchase and Care Pack installation for the HP LaserJet MFP M438dn.
[3] Measured using ISO/IEC 24734 and excludes the first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[4] All LaserJet Pro, Enterprise, Managed, and PageWide products with introductions beginning in September 2019 will include consistent worldwide default duplex settings (across bundles/drivers); product introductions before September 2019 may have inconsistent default duplex settings across drivers.
[5] Scan speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[6] The optional 250-sheet paper tray is a service part that requires a Care Pack installation.
[7] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit hp.com/go/learnaboutsupplies. Ships with One HP Original Black LaserJet Introductory Toner cartridge (yield ~4,000 pages) and one HP Original Imaging Drum (yield ~80,000 pages).

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

Choose from:

Optimized Care (optimum performance and stability):
4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):
Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):
Next Business Day Onsite Support

4 hour Onsite Support:
Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support:
Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service:
Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service:
Assembly, network configuration, and basic administrator familiarization. For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices



Top features

Product

8AF43A	HP LaserJet MFP M438n
8AF44A	HP LaserJet MFP M438dn
8AF45A	HP LaserJet MFP M438nda

Supplies

CF257A	HP 57A Original LaserJet Imaging Drum (80,000 pages)
W1335A	HP 335A Black Original LaserJet Toner Cartridge (7,400 pages)
W1335X	HP 335X High Yield Black Original LaserJet Toner Cartridge (13,700 pages)

HP Care Packs

U9JT4E	HP 3 year Next Business Day w/DMR Service
U9JT5E	HP 4 year Next Business Day w/DMR Service
U9JT6E	HP 5 year Next Business Day w/DMR Service
U9JT7E	HP 3 year 4 hour 9x5 w/DMR Service
U9JT8E	HP 4 year 4 hour 9x5 w/DMR Service
U9JT9E	HP 5 year 4 hour 9x5 w/DMR Service
U9JU3PE	HP 1 year Post Warranty Next Business Day w/DMR Service
U9JU4PE	HP 1 year Post Warranty 4 hour 9x5 w/DMR Service

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Paper

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP Imaging and Printing Security Center: hp.com/go/ipsc

Data sheet | HP LaserJet MFP M438 series

HP LaserJet MFP M438 series

Model	HP LaserJet MFP M438n	HP LaserJet MFP M438dn	HP LaserJet MFP M438nda
Product number	8AF43A	8AF44A	8AF45A
Functions	Print, Copy, Scan		
Print			
Duplex print options		Automatic (standard)	
Print speed	**Black (A4, normal):** Up to 22 ppm; **Black (letter, normal):** Up to 22 ppm **Black (A3, normal):** Up to 12 ppm; **Black (letter, normal):** Up to 12 ppm	**Black (A4, normal):** Up to 22 ppm; **Black (letter, normal):** Up to 22 ppm; **Black (A4, duplex):** Up to 11 ppm; **Black (letter, duplex):** Up to 11 ppm **Black (A3, normal):** Up to 12 ppm; **Black (letter, normal):** Up to 12 ppm; **Black (A3, duplex):** Up to 7 ppm; **Black (letter, duplex):** Up to 7 ppm	
First page out	**Black (A4, ready):** As fast as 8.3 sec; **Black (A4, sleep):** As fast as 22.2 sec		
Print technology	Laser		
Print resolution	**Black (best)** Up to 1200 x 1200 dpi; **Black (normal)** Up to 600 x 600 dpi; **Black (fine lines)** Up to 1200 x 1200 dpi		
Number of Print Cartridge models	2 (black)		
Standard print languages	PCL6, PS		
Printer management		HP Web Jetadmin	
Scan			
Scan technology	**Type:** Flatbed; **Technology:** Digital-CMOS Image Sensors (D-CIS)		**Type:** Flatbed, ADF; **Technology:** Digital-CMOS Image Sensors (D-CIS)
Scan speed	**Normal (A4):** Default rate from flatbed or ADF	**Normal (A4):** Up to 33 ipm(b&w); Up to 33 ipm(color)	
Scan resolution	**Enhanced:** Up to 4800 × 4800 dpi; **Hardware:** Up to 600 × 600 dpi; **Optical:** Up to 600 dpi		
Digital sending standard features		Scan to E-mail; Send to FTP; Send to SMB; Local Address Book; SMTP over SSL/TLS	
Color scanning	Yes		
Scan Size	**Flatbed:** 297 x 432 mm		**Flatbed:** 297 x 432 mm; **ADF:** 297 x 432 mm
Scan file format	PDF, JPEG, TIFF		
Copy			
Copier smart software features	ID Copy, Book Copy, N-UP, Reduce/Enlarge		
First copy out	**Black (A4):** As fast as 7.7 sec; **Black (A4, sleep):** As fast as 22.2 sec; **Black (letter):** As fast as 7.7 sec; **Black (letter, sleep):** As fast as 22.2 sec		
Max no of copies	Up to 999 copies		
Copier resize	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		
Connectivity			
Standard connectivity	Hi-Speed USB 2.0 Device, Ethernet 10/100 Base TX		
Wireless capability	No		
Network capabilities	Standard (build-in 10/100 Base TX Ethernet)		
Memory	**Standard:** 256 MB	**Standard:** 512 MB	
Processor speed	600 MHz		
Duty cycle (monthly)[4]	Up to 50,000 pages per month; **Recommended monthly page volume[5]:** 2000 to 5000		
Paper handling			
Input	Tray 1: 100 sheet, Tray 2: 250 sheet		
Output	Up to 250 Sheets		
Media types	Plain, Mid-weight, Light, HP LaserJet, Colored, Preprinted, Recycled, Intermediate, Letterhead, Prepunched		
Media weight	Tray 1: 60 to 163 g/m²; Tray 2: 60 to 110 g/m²		
Media Sizes Custom	Tray 1: 98 x 148 to 297 x 432 mm; Tray 2: 148 x 210 to 297 x 354 mm		
Dimensions (w x d x h)	560 x 540 x 417 mm		560 x 583 x 505 mm
Weight	25 kg (includes supplies)	25.4 kg (includes supplies)	30 kg (includes supplies)
What's in the box[1]	Power cord; Toner Cartridge; User Guide		
Software included	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP Scan to PC Lite		
Warranty features	One-year, on-site limited warranty		
Systems			
Compatible operating systems[7]	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		
Minimum system requirements	**PC:** 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 microsoft.com) for Windows, Pentium IV 2.4GHz (Intel Core™2) / RAM 512 MB (1 GB) / Free HDD space 1 GB (2 GB) for Linux		
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, IPv4/v6/mac address filtering, SMTP server Certificate Validation, Encrypted Customer Data Storage, secure browsing via SSL/TLS, IPP over SSL/TLS, IPsec, SNMPv3	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	
Fonts and typefaces	49 Scalable Fonts / 1 Bitmap		
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),Navi. Key (4EA),OK key, menu key (2EA),mode key (2EA),function key (4EA)		
Display	4-line LCD		
ENERGY STAR Qualified	No		
Power	**Power supply type:** Built-in Universal Power supply; **Power supply required:** AC 220 - 240V: 50/60Hz, Normal Operation 550W, Ready 80W, Max/Peak 1.1 kWh, Sleep/Power Off 1W/0.2W, TEC 0.310 kWh/Week (22PPM: 0.310 kWh/Week 23PPM: 0.330 kWh/Week 24PPM: 0.350 kWh/Week 25ppm: 0.370 kWh/Week); **Power consumption[2]:** 550 watts (Active Printing), 80 watts (Ready) 0.7 watts (Sleep), 0.2 watts (Off); **Typical Electricity Consumption number[6]:** 0.998 kWh/Week		
Acoustics	**Acoustic power emissions:** 6.6 B(A) (printing at 22 ppm) ; **Acoustic power emissions (ready):** Inaudible ; **Acoustic pressure emissions bystander (active, printing):** 51 dB(A) ; **Acoustic pressure emissions bystander (ready):** Inaudible		
Environmental ranges	**Operating temperature range:** 10 to 30°C ; **Recommended operating temperature:** 10 to 30°C ; **Operating humidity range:** 20 to 80% RH ; **Recommended operating humidity range:** 20 to 80% RH		
Safety approvals and requirements	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) GB4943.1-2011; other safety approvals as required by individual countries		
Supported network protocols	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; Security Protocol: IPSec	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	

Footnotes

[1] Automatic two-sided printing is standard on the HP LaserJet MFP M438dn, M438nda, M440dn, M440nda only.
[2] Reversing automatic document feeder is standard on the HP LaserJet MFP M438nda and M440nda only. Requires a separate purchase for the HP LaserJet MFP M438dn and M440dn. Installation from HP Authorized service provider only.
[3] Not all HP Web Jetadmin features are supported on the HP LaserJet MFP M438 and M440. HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin

Technical specifications disclaimers

[1] Ships with One HP Original Black LaserJet Introductory Toner cartridge (yield ~4,000 pages), 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
[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 230V device.
[3] 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
[4] 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.
[5] 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.
[6] 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 for Blue Angel.
[7] Windows 7 or higher

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