HP LaserJet MFP M438n

Raising the standard in office printing

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

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

A3/11x17 inch media

A printer to handle your printing volume needs

- Simplify workflows with efficient scan solutions, and copying.
- Launch tasks at the device – streamline copying; capture a two-sided ID; and darken, enlarge, or reduce images.

Reliable and productive

- Easily set up, print, and share printing resources with built-in Ethernet networking.

Get great value from your office printer

- Help maximise value and minimise 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.

Product walkaround

HP LaserJet MFP M438n shown

1. Scanner glass (A3)
2. 250 sheet output bin
3. Front door (access to toner cartridges)
4. 250 sheet input tray 2
5. 4-line LCD, 10-key pad, 4-button quick set
6. Side door (access to fuser and print path)
7. 100 sheet multipurpose tray 1
8. Hi-Speed USB 2.0 printing port
9. Built-in Ethernet 10/100Base-TX networking

Accessories, Supplies and Support

Supplies	**W1335A** HP 335A Black Original LaserJet Toner Cartridge (7,400 pages)
	W1335X HP 335X High Yield Black Original LaserJet Toner Cartridge (13,700 pages)
Service and Support	**U9JT4E** HP 3 year Next Business Day with Defective Media Retention service for HP LaserJet MFP M438 series **U9JT5E** HP 4 year Next Business Day with Defective Media Retention service for HP LaserJet MFP M438 series **U9JT6E** HP 5 year Next Business Day with Defective Media Retention service for HP LaserJet MFP M438 series **U9JU3PE** HP 1 year Post Warranty Next Business Day with Defective Media Retention service for HP LaserJet MFP M438 series

Technical specifications

Model	HP LaserJet MFP M438n
Product number	8AF43A
Functions	Print, Copy, Scan
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)
Print	
Print technology	Laser
Print speed	**Black (A4, normal)**: Up to 22 ppm;
First page out	**Black (A4, ready)**: As fast as 8.3 sec; **Black (A4, sleep)**: As fast as 22.2 sec;
Print resolution	**Black (best)**: Up to 1200 x 1200 dpi;
Monthly duty cycle[4]	Up to 50,000 pages per month A4; **Recommended monthly page volume**[5]: 2,000 to 5,000 pages
Printer smart software features	4 line LCD, 4 Quick-set buttons
Standard print languages	PS, PCL6
Fonts and typefaces	49 Scalable Fonts / 1 Bitmap
Print area	**Print margins** Top: 4.5 mm, Bottom: 4.5 mm, Left: 4.5 mm, Right: 4.5 mm; Maximum print area : 297 x 432 mm
Copy	
Copy speed	**Black (A4)**: Up to 22 cpm
Copier specifications	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; **Maximum number of copies**: Up to 999 copies; **Reduce/Enlarge**: 25 to 400%
Scan	
Scan speed	**Normal (A4)**: Up to 33 ipm (black and white); Up to 33 ipm (colour)
Scan file format	PDF, JPEG, TIFF
Scanner specifications	**Scanner type** Flatbed; **Scan technology**: Digital-CMOS Image Sensors (D-CIS); **Twain version**: Version 2.1; **Duplex ADF scanning**: No; **Scan size maximum (flatbed, ADF)**: 297 x 432 mm; **Optical scan resolution**: Up to 600 dpi
Scanner advanced features	Scan to PC
Scannable area	**Maximum media size (flatbed)**: 297 x 432 mm
Bit depth/ Grey scale levels	24-bit / 256
Processor speed	600 MHz
Connectivity	
Standard	Hi-Speed USB 2.0 Device, Ethernet 10/100 Base TX
Wireless	No
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
Network capabilities	Standard (build-in 10/100 Base TX Ethernet)
Memory	**Standard**: 256 MB
Media handling	
Number of paper trays	**Standard**: 2 ;**Maximum**: 2
Media types	Plain, Mid-weight, Light, HP LaserJet, Coloured, Preprinted, Recycled, Intermediate, Prepunched
Media size	**Custom (metric)**: Tray 1: 98 x 148 to 297 x 432 mm; Tray 2: 148 x 210 to 297 x 354 mm **Supported (metric)**: A3; A4; A5; A6; B4 (JIS); B5 (JIS); 8K; 16K; Oficio 216x340mm

Model	HP LaserJet MFP M438n
Product number	8AF43A
Media handling	**Standard input:** Tray 1: 100 sheet, Tray 2: 250 sheet **Standard output:** Up to 250 Sheets
Media weight	Tray 1: 60 to 163 g/m²; Tray 2: 60 to 110 g/m²
Input capacity	**Tray 1:** Sheets: 100 **Tray 2:** Sheets: 250 **Maximum:** Up to 350 Sheets
Output capacity	**Standard:** Up to 250 Sheets Envelopes: Occasional use only Transparencies: No **Maximum:** Up to 250 Sheets
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
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+
Minimum system requirements	**Windows:** 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
Software included	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP Scan to PC Lite
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
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum** 560 x 540 x 417 mm; **Maximum**: 960 mm x 1090 mm x 933 mm
Package dimensions (W x D x H)	720 x 772 x 598 mm
Printer weight	25 kg (includes supplies)
Package weight	31.5 kg
Operating environment	**Temperature**: 10 to 30°C **Humidity**: 20 to 80% RH
Storage conditions	**Temperature**: -20 to 40°C
Acoustics	**Acoustic power emissions**: 6.6 B(A) (printing at 22 ppm) **Acoustic pressure emissions**: 51 dB(A)
Power[2]	**Requirements**: 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); **Consumption**: 550 watts (active printing), 80 watts (ready) 0.7 watts (sleep), 0.2 watts (off); **Typical Electricity Consumption (TEC)[6]**: 0.998 kWh/Week; **Power supply type**: Built-in Universal Power supply;
Certifications	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.
Country of origin	Made in China
What's in the box[1]	HP LaserJet MFP M438n printer; Power cord; Toner cartridge; User Guide; USB cable
Warranty	One-year, on-site limited warranty

Footnotes

[1] 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.

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.

[7] Windows 7 or higher.