



# HP Color LaserJet Enterprise MFP M480f

Brand : HP

Product family: Color LaserJet Enterprise    Product code: 3QA55A#B19

Product name : Color LaserJet Enterprise MFP M480f

- Compact Size; Strong Security; Two-sided printing; 50-sheet ADF; Energy Efficient
  - Print, copy, scan, fax
  - Up to 27 ppm (black) and 27 ppm (colour)
  - Up to 600 x 600 dpi
- Color LaserJet Enterprise MFP M480f

## HP Color LaserJet Enterprise MFP M480f:

HP's entry-level Enterprise-class Color MFP with speeds up to 28 ppm<sup>[9]</sup> and strongest security.<sup>[1]</sup>

Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP chips and electronic circuitry enable the use of reused, remanufactured, and refilled cartridges.



Printing		Network	
Duplex printing mode	Auto	Mobile printing technologies	Mopria Print Service, HP ePrint, Apple AirPrint
Print resolution colour	600 x 600 DPI		
Print resolution black	600 x 600 DPI	Performance	
Print technology *	Laser	Maximum internal memory	2048 MB
Printing *	Colour printing	Internal storage capacity	16 GB
Duplex printing *	✓	Card reader integrated	✗
Maximum resolution *	600 x 600 DPI	Internal memory *	2048 MB
Print speed (black, normal quality, A4/US Letter) *	27 ppm	Built-in processor	✓
Print speed (colour, normal quality, A4/US Letter)	27 ppm	Processor frequency	800 MHz
Warm-up time	170 s	Sound pressure level (printing)	49 dB
Time to first page (black, normal)	9.5 s	Sound pressure level (scanning)	46 dB
Time to first page (colour, normal)	11 s	Sound power level (printing)	6.1 dB
N-in-1 print function	✓	Sound power level (standby)	20 dB
Watermark printing	✓	Design	
Secure printing	✓	Product colour *	White, Black
Copying		Market positioning *	Business
Duplex copying *	✓	Built-in display *	✓
Duplex copying mode	Auto	Display	LCD
Copying *	Colour copying	Display diagonal	10.9 cm (4.3")
Maximum copy resolution *	600 x 600 DPI	Control type	Touch
Copy speed (black, normal quality, A4)	27 cpm	Colour display	✓
Copy speed (colour, normal quality, A4)	27 cpm	Power	
Time to first copy (black, normal)	9.6 s	Power consumption (average operating)	581 W
Time to first copy (colour, normal)	11.3 s	Power consumption (PowerSave)	0.08 W
		Power consumption (printing)	581 W
		Power consumption (ready)	21.9 W

<b>Copying</b>		<b>Power</b>	
Maximum number of copies	9999 copies	Power consumption (sleep)	1 W
Copier resize	25 - 400%	Power consumption (off)	0.08 W
N-in-1 copy function	✓	Energy Star Typical Electricity Consumption (TEC)	1.051 kWh/week
Book copy function	✓	AC input voltage	200 - 240 V
ID-card copy function	✓	AC input frequency	50 Hz
Auto fit function	✓	<b>Brand-specific features</b>	
<b>Scanning</b>		HP Auto-On/Auto-Off	✓
Duplex scanning *	✓	HP Dynamic security	✓
Duplex scanning mode	Auto	<p>Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, Optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-shared Key, Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP; EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF &amp; Email (uses FIPS 140 validated cryptographic libraries from Microsoft), SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs (ABT) 193905216802; (ABY) 193905216819; (ACQ) 193905216826; (B13) 193905216833; (B19) 193905216840; (BAZ) 193905216857</p> <p>HP Security tools</p> <p>HP GTIN (EAN/UPC) with options</p> <p>HP GTIN (EAN/UPC)</p>	
Scanning *	Colour scanning		
Optical scanning resolution *	600 x 600 DPI		
Optical scanning resolution (black)	600 x 600 ppi		
Optical scanning resolution (colour)	600 x 600 ppi		
Maximum scan resolution	600 x 600 DPI		
Maximum scan area	216 x 297 mm		
Scanner type *	Flatbed scanner		
Scan technology	CIS		
Scan to	E-mail, FTP, Fax, File, Image, PC, SMB, USB		
Scan speed (colour)	20 ppm		
Scan speed (black)	29 ppm		
Duplex scan speed (colour)	46 ppm		
Duplex scan speed (black)	35 ppm		
Input colour depth	24 bit		
Greyscale levels	256		
Scan drivers	TWAIN		
<b>Fax</b>			
Faxing *	Colour faxing		
Fax resolution (black)	300 x 300 DPI		
Fax resolution (colour)	300 x 300 DPI		
Fax transmission speed	3 sec/page		
Modem speed	33.6 Kbit/s		
Fax memory	1000 pages		
Auto-redialing	✓		
Speed dialling	✓		
Fax forwarding	✓		
Fax delayed sending	✗		
Auto reduction	✓		
<b>Features</b>		<b>System requirements</b>	
Recommended duty cycle	900 - 4800 pages per month	Windows operating systems supported	Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
Maximum duty cycle *	55000 pages per month	Mac operating systems supported	Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, MacOS
Duplex functions *	Print, Copy	Other operating systems supported	Android, iOS
Digital sender	✓	<b>Operational conditions</b>	
Number of print cartridges *	4	Operating relative humidity (H-H)	30 - 70%
Printing colours *	Black, Cyan, Magenta, Yellow	Recommended humidity operating range	10 - 90%
Page description languages	PDF 1.7, PCL 5, PCL 6	Recommended operating temperature range (T-T)	15 - 27 °C
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript	Storage temperature (T-T)	-20 - 40 °C
All-In-One-multitasking	✓	Operating temperature (T-T)	15 - 32.5 °C
Country of origin	China		

Features		Certificates	
Replacement cartridges	HP 415A Black Original LaserJet Toner Cartridge (2,400 pages) W2030A, HP 415A Cyan Original LaserJet Toner Cartridge (2,100 pages) W2031A, HP 415A Yellow Original LaserJet Toner Cartridge (2,100 pages) W2032A, HP 415A Magenta Original LaserJet Toner Cartridge (2,100 pages) W2033A, HP 415X High Yield Black Original LaserJet Toner Cartridge (7,500 pages) W2030X, HP 415X High Yield Cyan Original LaserJet Toner Cartridge (6,000 pages) W2031X, HP 415X High Yield Yellow Original LaserJet Toner Cartridge (6,000 pages) W2032X, HP 415X High Yield Magenta Original LaserJet Toner Cartridge (6,000 pages) W2033X	Certification	CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013. Other EMC approvals as required by individual countries.
HP segment	Business	<b>Sustainability</b>	
<b>Input &amp; output capacity</b>		Sustainability compliance	✓
Total number of input trays *	2	Sustainability certificates	Blue Angel, ENERGY STAR, EPEAT Silver
Total input capacity *	300 sheets	Sustainable technologies and materials	Mercury-free
Total output capacity *	150 sheets	Doesn't contain	Mercury
Paper tray 1 input capacity	50 sheets	<b>Carbon footprint</b>	
Paper tray 2 input capacity	250 sheets	Total carbon footprint (kg of CO2e)	250
Multi-Purpose tray	✓	Carbon emissions, manufacturing (kg of CO2e)	184
Multi-Purpose tray input capacity	50 sheets	Carbon emissions, logistics (kg of CO2e)	8
Auto document feeder (ADF)	✓	Carbon emissions, end-of-life (kg of CO2e)	30
Auto document feeder (ADF) input capacity	50 sheets	Total carbon emissions, w/o use phase (kg of CO2e)	25
Maximum number of input trays	3	<b>Weight &amp; dimensions</b>	
Maximum input capacity	850 sheets	Width	415.4 mm
Maximum output capacity	150 sheets	Depth	472 mm
<b>Paper handling</b>		Height	399.8 mm
Maximum ISO A-series paper size *	A4	Weight	23.2 kg
Maximum print size	212 x 352 mm	<b>Packaging data</b>	
Paper tray media types *	Plain paper, Glossy paper, Bond paper, Photo paper, Recycled paper, Envelopes, Labels, Rough paper, Postcard	Package width	597 mm
ISO A-series sizes (A0...A9) *	A4, A5, A6	Package depth	497 mm
ISO B-series sizes (B0...B9)	B5	Package height	490 mm
ISO C-series sizes (C0...C9)	C5, C6	Package weight	26.3 kg
Non-ISO print media sizes	16K	<b>Packaging content</b>	
JIS B-series sizes (B0...B9)	B5, B6	Cartridge(s) included	✓
Envelopes sizes	B5, C5, C6, DL	Included cartridge capacity (black)	2400 pages
Photo paper sizes	10x15 cm	Included cartridge capacity (CMY)	2100 pages
Custom media width	76 - 216 mm	Cables included	AC
Custom media length	127 - 356 mm	<b>Logistics data</b>	
Paper tray media weight	60 - 200 g/m <sup>2</sup>	Harmonized System (HS) code	84433100
Envelope feeder	No	Pallet gross weight	527.9 kg
<b>Ports &amp; interfaces</b>		Layers per pallet	4 pc(s)
Direct printing *	✓	Products per pallet	16 pc(s)
USB port	✓	<b>Technical details</b>	
USB 2.0 ports quantity	3	Box contents	HP Color LaserJet Enterprise MFP M480 printer; HP Black Original LaserJet Toner Cartridge (~2,400 pages) HP Cyan, Magenta, Yellow Original LaserJet Toner Cartridges (~2,100 pages each); Getting started Guide; 1 Power cord
<b>Network</b>		Master (outer) cases per pallet layer	4 pc(s)
Wi-Fi *	✓	Compliance certificates	CECP, GS mark, CCC, BIS, cUL, UL, CE, BSMI
Ethernet LAN *	✓	General Product Safety Regulation (GPSR) URL	<a href="https://support.hp.com/igo/en/product/setup-user-guides/hp-color-laserjet-enterprise-mfp-m480-series/model/29256417?sku=3Q455A&amp;serialnumber=3Q455A">https://support.hp.com/igo/en/product/setup-user-guides/hp-color-laserjet-enterprise-mfp-m480-series/model/29256417?sku=3Q455A&amp;serialnumber=3Q455A</a>
Cabling technology	10/100/1000Base-T(X)	<b>Other features</b>	
Ethernet LAN data rates	10,100,1000 Mbit/s	Number of users	10 user(s)
Wi-Fi Direct	✓	Custom media sizes	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 98 x 148 to 216 x 356 mm; Optional Tray: 98 x 148 to 216 x 356 mm
Bluetooth	✓	Pallet dimensions (W x D x H)	1200 x 1000 x 2451 mm
		Power supply type	Internal (Built-in) power supply
		Recommended system requirements	2 GB available hard disk space Internet connection or USB port Internet browser. 2 GB available hard disk space Internet connection or USB port Internet browser.

Network		Other features	
Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS		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; macOS 10.15 Catalina
		Compatible operating systems	
		Pallet dimensions (W x D x H) (imperial)	1199.9 x 1000 x 2450.8 mm (47.2 x 39.4 x 96.5")
		Pallet weight (imperial)	527.9 kg (1163.8 lbs)
		Acoustic power emissions (ready)	36 dB
		Acoustic pressure emissions bystander (ready)	20 dB
		Typical electricity consumption (TEC) number	Blue Angel: 1.051 kWh/week; Energy Star 3.0: 0.425 kWh/week
		UNSPSC-code	43212110
		Manufacturer warranty	One-year, On-site Repair 24-hour / 7 day a week phone support
		Electromagnetic compatibility	CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013. Other EMC approvals as required by individual countries.



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