



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^[9] and strongest security.^[1]

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

Duplex printing mode	Auto
Print resolution colour	600 x 600 DPI
Print resolution black	600 x 600 DPI
Print technology *	Laser
Printing *	Colour printing
Duplex printing *	✓
Maximum resolution *	600 x 600 DPI
Print speed (black, normal quality, A4/US Letter) *	27 ppm
Print speed (colour, normal quality, A4/US Letter)	27 ppm
Warm-up time	170 s
Time to first page (black, normal)	9.5 s
Time to first page (colour, normal)	11 s
N-in-1 print function	✓
Watermark printing	✓
Secure printing	✓

Copying

Duplex copying *	✓
Duplex copying mode	Auto
Copying *	Colour copying
Maximum copy resolution *	600 x 600 DPI
Copy speed (black, normal quality, A4)	27 cpm
Copy speed (colour, normal quality, A4)	27 cpm
Time to first copy (black, normal)	9.6 s

Network

Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS
Mobile printing technologies	Mopria Print Service, HP ePrint, Apple AirPrint

Performance

Maximum internal memory	2048 MB
Internal storage capacity	16 GB
Card reader integrated	✗
Internal memory *	2048 MB
Built-in processor	✓
Processor frequency	800 MHz
Sound pressure level (printing)	49 dB
Sound pressure level (scanning)	46 dB
Sound power level (printing)	6.1 dB
Sound power level (standby)	20 dB

Design

Product colour *	White, Black
Market positioning *	Business
Built-in display *	✓
Display	LCD
Display diagonal	10.9 cm (4.3")
Control type	Touch
Colour display	✓

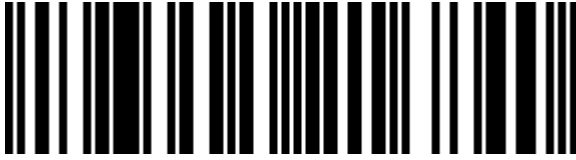
Power

Power consumption (average operating)	581 W
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Copying		Power	
Time to first copy (colour, normal)	11.3 s	Power consumption (PowerSave)	0.08 W
Maximum number of copies	9999 copies	Power consumption (printing)	581 W
Copier resize	25 - 400%	Power consumption (ready)	21.9 W
N-in-1 copy function	✓	Power consumption (sleep)	1 W
Book copy function	✓	Power consumption (off)	0.08 W
ID-card copy function	✓	Energy Star Typical Electricity Consumption (TEC)	1.051 kWh/week
Auto fit function	✓	AC input voltage	200 - 240 V
		AC input frequency	50 Hz
Scanning		Brand-specific features	
Duplex scanning *	✓	HP Auto-On/Auto-Off	✓
Duplex scanning mode	Auto	HP Dynamic security	✓
Scanning *	Colour scanning	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 & 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 193905216802, 193905216819, 193905216826, 193905216833, 193905216840, 193905216857	
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		
Fax			
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	✗	HP GTIN (EAN/UPC) with options	
Auto reduction	✓		
Features		HP GTIN (EAN/UPC)	
Recommended duty cycle	900 - 4800 pages per month		
Maximum duty cycle *	55000 pages per month		
Duplex functions *	Print, Copy		
Digital sender	✓		
Number of print cartridges *	4		
Printing colours *	Black, Cyan, Magenta, Yellow		
Page description languages	PDF 1.7, PCL 5, PCL 6	Mac operating systems supported	
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript	Other operating systems supported	
All-In-One-multitasking	✓		
Country of origin	China		
		System requirements	
		Windows operating systems supported	Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
			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
		Operational conditions	
		Operating relative humidity (H-H)	30 - 70%
		Recommended humidity operating range	10 - 90%
		Recommended operating temperature range (T-T)	15 - 27 °C
		Storage temperature (T-T)	-20 - 40 °C
		Operating temperature (T-T)	15 - 32.5 °C

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		
Input & output capacity		Sustainability	
Total number of input trays *	2	Sustainability compliance	✓
Total input capacity *	300 sheets	Sustainability certificates	Blue Angel, ENERGY STAR, EPEAT Silver
Total output capacity *	150 sheets	Sustainable technologies and materials	Mercury-free
Paper tray 1 input capacity	50 sheets	Doesn't contain	Mercury
Paper tray 2 input capacity	250 sheets	Carbon footprint	
Multi-Purpose tray	✓	Total carbon footprint (kg of CO2e)	250
Multi-Purpose tray input capacity	50 sheets	Carbon emissions, manufacturing (kg of CO2e)	184
Auto document feeder (ADF)	✓	Carbon emissions, logistics (kg of CO2e)	8
Auto document feeder (ADF) input capacity	50 sheets	Carbon emissions, end-of-life (kg of CO2e)	30
Maximum number of input trays	3	Total carbon emissions, w/o use phase (kg of CO2e)	25
Maximum input capacity	850 sheets	Weight & dimensions	
Maximum output capacity	150 sheets	Width	415.4 mm
Paper handling		Depth	472 mm
Maximum ISO A-series paper size *	A4	Height	399.8 mm
Maximum print size	212 x 352 mm	Weight	23.2 kg
Paper tray media types *	Plain paper, Glossy paper, Bond paper, Photo paper, Recycled paper, Envelopes, Labels, Rough paper, Postcard	Packaging data	
		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	Packaging content	
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	Logistics data	
Paper tray media weight	60 - 200 g/m ²	Harmonized System (HS) code	84433100
Envelope feeder	No	Pallet gross weight	527.9 kg
Ports & interfaces		Layers per pallet	4 pc(s)
Direct printing *	✓	Products per pallet	16 pc(s)
USB port	✓	Technical details	
USB 2.0 ports quantity	3	Box contents	
Network		Master (outer) cases per pallet layer	
Wi-Fi *	✓	Compliance certificates	
Ethernet LAN *	✓	CECP, GS mark, CCC, BIS, cUL, UL, CE, BSMI	
Cabling technology	10/100/1000Base-T(X)	General Product Safety Regulation (GPSR) URL	
Ethernet LAN data rates	10,100,1000 Mbit/s	https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laserjet-enterprise-mfp-m480-series/model/29256417?sku=3Q455A&serialnumber=3Q455A	
Wi-Fi Direct	✓	https://hnaas.hpcloud.hp.com/pdf/publicpdf_2950853_en-us-1.pdf	
Bluetooth	✓	Other features	
		Number of users	10 user(s)
		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
		Pallet dimensions (W x D x H)	1200 x 1000 x 2451 mm
		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.

Other features	
Compatible operating systems	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
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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