

HP Color LaserJet Enterprise MFP M480f (3QA55A)



Overview

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

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Easy to use, simple to manage

HP FutureSmart firmware can be updated with the latest features[2] to optimize your investment for years to come.

Enhanced productivity to empower work teams

Give workgroups what they need to succeed with hundreds of HP and third-party solutions and card reader support.

The world's most secure printing[1]

The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.

Sustainability is smart business

Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings.[7]

[1] HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit hp.com/go/PrintersThatProtect. For more information, visit hp.com/go/PrinterSecurityClaims

[2] Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.

[7] Dependent upon country setup specifications.

[9] Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

Specifications

Print Resolution Technologies	HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)
Print quality black (best)	Up to 600 x 600 dpi
Print quality color (best)	Up to 600 x 600 dpi
Print speed black (ISO, A4)	Up to 27 ppm
Print speed black (ISO, letter)	Up to 29 ppm
Print Speed Color (ISO)	Up to 27 ppm
Print speed color (ISO)	Up to 29 ppm
Print speed	Up to 29 ppm (black) and 29 ppm (color)
Bottom margin (A4)	2 mm
Left margin (A4)	2 mm
Right margin (A4)	2 mm
Top margin (A4)	2 mm
Functions	Print, copy, scan, fax
Duplex printing	Automatic (default)
Duty cycle (monthly, A4)	Up to 55,000 pages
Duty cycle (monthly, letter)	Up to 55,000 pages
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
Scanner advanced features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets
Fax smart software features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy

Replacement cartridges

AMS: For distribution and use in North America and Latin America only: HP 414A Black Original LaserJet Toner Cartridge (~2,400 pages) W2020A HP 414A Cyan Original LaserJet Toner Cartridge (~2,100 pages) W2021A HP 414A Yellow Original LaserJet Toner Cartridge (~2,100 pages) W2022A HP 414A Magenta Original LaserJet Toner Cartridge (~2,100 pages) W2023A HP 414X High Yield Black Original LaserJet Toner Cartridge (~7,500 pages) W2020X HP 414X High Yield Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2021X HP 414X High Yield Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2022X HP 414X High Yield Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2023X EMEA: For distribution and use in Europe, Middle East, Russia, CIS, and Africa only: 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 APJ: For distribution and use in Asia Pacific only: HP 416A Black Original LaserJet Toner Cartridge (~2,400 pages) W2040A HP 416A Cyan Original LaserJet Toner Cartridge (~2,100 pages) W2041A HP 416A Yellow Original LaserJet Toner Cartridge (~2,100 pages) W2042A HP 416A Magenta Original LaserJet Toner Cartridge (~2,100 pages) W2043A HP 416X High Yield Black Original LaserJet Toner Cartridge (~7,500 pages) W2040X HP 416X High Yield Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2041X HP 416X High Yield Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2042X HP 416X High Yield Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2043X

Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabyte Ethernet 10/100/1000T network; 1 FAX
Connectivity, optional	HP Jetdirect LAN Accessory 8FP31A; HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Modem	33.6 kbps
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (Optional); second Ethernet port (Optional); Microsoft Universal Print (MUP) support
Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Mobile printing capability	HP ePrint; Apple AirPrint™; NFC Touch-to-print (optional); PrinterOn Print; Mopria™ certified
Network protocols, supported	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEv1 and IKEv2), Firewall, 802.1x

Software included	No software solutions are included in the Box only on http://hp.com or http://123.hp.com
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
Technical features	ADF; AirPrint; Automatic two-sided printing; Compact size; ENERGY STAR®; HP Auto-On/Auto-Off; HP ePrint; JetIntelligence Toners; Walk-up USB (doc, ppt, pdf, jpg); Wireless Direct
Sustainable impact specifications	Mercury-free
Energy star certified	Yes
Ecolabels	CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy speed (black, normal quality, A4)	Up to 27 cpm
Copy speed (color, normal quality, A4)	Up to 27 cpm
Copy speed black (normal, letter)	Up to 28 cpm
Copy speed color (normal, letter)	Up to 28 cpm
Copy speed black duplex (A4)	Up to 24 cpm
Copy speed black duplex (Letter)	Up to 25 cpm
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Scan-to-Sharepoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Scan to Onedrive; Scan to Onedrive for Business; Scan to Sharepoint Online
Fax Resolution Black (best)	Up to 300 x 300 dpi
Faxing	Yes
Scan speed (normal, A4)	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/35 ipm (color)
Scan speed (normal, letter)	Up to 31 ppm/49 ipm (b&w), up to 21 ppm/37 ipm (color)
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, ADF
Display area (imperial)	3.74 x 2.12 in
Display area (metric)	95 x 53.86 mm
Display	4.3" diagonal Color TFT-LCD back lit 480 RGB (H) x 272 (V)
Dimensions (W x D x H)	415.4 x 472 x 399.8 mm
Dimensions (W x D x H)	16.4 x 18.6 x 15.7 in
Weight	23.2 kgs (With Print Cartridges)
Weight	51.2 lbs (With Print Cartridges)

Power consumption

581 watts (active printing), 21.9 watts (ready), 1.0 watts (sleep), 0.08 watts (auto-off/manual-on), 0.08 watts (manual off)

(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 supply type

Internal (Built-in) power supply

What's in the box

HP Color LaserJet Enterprise MFP M480f 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^[1]

Manufacturer Warranty

One-year, On-site Repair 24-hour / 7 day a week phone support

Additional specifications

Accessories	HP LaserJet 550-sheet Feeder Tray CF404A, HP JetDirect 3100w BLE/NFC/Wireless Accy 3JN69A, HP Jetdirect LAN Accessory 8FP31A, HP Accessibility Assistant 2MU47A, HP Accessibility Kit, includes HP prop handle for ADF lid, accessible keyboard, braille adhesives 2TD64A, HP Foreign Interface Harness B5L31A, HP Legic Reader 4QL32A, HP USB Universal Card Reader X3D03A, HP HIP2 Keystroke Reader Y7C05A, HP SmartCard NIPRNet Solution for US Government CC543B, HP HIP2 Card Reader Accessory Kit 8ZN00A
Acoustic power emissions (active scan)	6.0 B(A) (Scanning at 24 ipm)
Acoustic power emissions (active, printing)	6.1 B(A) (Printing at 27 ipm)
Acoustic power emissions (ready)	3.6 B(A)
Acoustic power note	Sound Power values are subject to change. Please visit HP.com for more information. This printer was tested while printing A4 media at 24 ipm.
Acoustic pressure emissions bystander (active scan)	46 dB(A) (Scanning at 24 ipm)
Acoustic pressure emissions bystander (active, printing)	49 dB(A) (Printing at 27 ipm)
Acoustic pressure emissions bystander (ready)	20 dB(A)
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 50 sheets
Automatic paper sensor	No
Bit depth	24-bit
Blue Angel footnote	[9] 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 115V device and 230V for Blue Angel.
Business filter	cMPS
Cable included	No, please purchase USB cable separately.
Capacity	16 GB eMMC
Cartons per layer	4
Certifications and compliances	UL/cUL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI (Taiwan); Certificate of China Compulsory Product Certification - CCC (China); Bureau of Indian Standards - BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries.
Color or black	Color
Color scanning	Yes

Compatible Network Operating Systems	Windows 11; Windows Server; Linux; Citrix; UNIX; Novell
Component type	Printer
Control panel	4.3" Color Capacitive Touch Control Panel
Copier scaling (ADF)	25 to 200%
Copier settings	Two-sided copying; Scalability; Image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copy (different media sizes)
Copies, maximum	Up to 9999 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi
Copy speed color duplex (A4)	Up to 24 cpm
Copy speed color duplex (Letter)	Up to 25 cpm
Count of layers in pallet	5 (US); 4 (EMEA/AP)
Digital sending standard features footnote number	[12]
Distinctive ring detection supported	No
Downloadable software	<p>From http://123.hp.com-, HP Easy Start (Guided Software Install for Windows and Mac) From http://hp.com for Windows OS- Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From http://hp.com for Mac OS- HP Mac OS Print Driver, HP Easy Admin, For Mobile OS- iOS For more information see http://hp.com/go/businessmobileprinting, Android For more information see http://hp.com/go/businessmobileprinting, From http://hp.com for printer administrators- Printer Administrator Resource Kit (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows, SAP Print Drivers for more information see http://support.hp.com/us-en/document/c05051702, HP Web JetAdmin, HP JetAdvantage Security Manager, HPLIP Linux Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html, Unix Model Script Printer Driver for more information see http://hp.com/go/unixmodelscrip, UPD PCL6 / PS Printer Drivers- For more information on the supported operating systems go to http://support.hp.com, Enter your product name and search Click on User Guides and enter your product name and search for User Guide Search for your (Product Name) - User Guide Search for the Supported Operating Systems section UPD PCL6 / PS Printer Drivers Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd</p>

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to <http://www.hp.com/support/> (country/region may need to be selected) Select "Support" Select "Software and Drivers" Select "Printer" Enter a product name/number (The operating system is automatically detected) Select a driver or other software, select "Download"

Duplex ADF scanning	Yes, single pass duplexing ADF
Dynamic security	Dynamic security enabled printer
Ecolabels footnote	[4] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
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, FCC CFR 47 Part 15 Class A, ICES-003, Issue 6 Class A. Other EMC approvals as required by individual countries.
Engine life	50000
Enhanced scanning resolution	Up to 600 dpi
Envelope Feeder	No
FCC Class A emissions	FCC Class A emissions - for use in commercial environments, not residential environments
Fax Auto Redial	Yes
Fax Broadcast Locations	0
Fax PC Interface Supported	Yes, software not included
Fax Polling	Yes (poll to receive only)
Fax Remote Retrieval	No
Fax Speed Dials, Maximum Number	Up to 1000 numbers
Fax Transmission Speed	33.6 kbps (maximum); 14.4 kbps (default)
Fax Transmission Speed Note	[5] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Fax delayed sending	No
Fax forwarding	Yes
Fax memory	Dependent on the amount of available disk space
Fax memory	Dependent on the amount of available disk space
Fax phone TAM interface supported	No
Fax resolution black	Up to 203 x 196 dpi; 256 levels of gray
Fax telephone mode supported	No
Fax transmission speed (letter)	3 sec per page ^[5]
File Format Supported	JPG; MTIFF; PDF; PDF/A; TIFF; XPS
First copy out black (A4)	As fast as 9.6 sec

First copy out black (A4, sleep)	As fast as 11.6 sec
First copy out black (letter)	As fast as 9.5 sec
First copy out black (letter, sleep)	As fast as 11.5 sec
First copy out color (A4)	As fast as 11.3 sec
First copy out color (A4, sleep)	As fast as 13.1 sec
First copy out color (letter)	As fast as 11.2 sec
First copy out color (letter, sleep)	As fast as 13.0 sec
First page out black (A4, ready)	As fast as 9.5 sec
First page out black (A4, sleep)	As fast as 11.0 sec
First page out black (letter, ready)	As fast as 9.3 sec
First page out black (letter, sleep)	As fast as 10.9 sec
First page out color (A4, ready)	As fast as 11.0 sec
First page out color (A4, sleep)	As fast as 12.1 sec
First page out color (letter, ready)	As fast as 10.9 sec
First page out color (letter, sleep)	As fast as 12.0 sec
First page out footnote	[8] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, document complexity, media size, media orientation and media type.
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP PostScript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono World Type); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at Http://www.hp.com/go/laserjetfonts
Input capacity	Up to 300 sheets
Junk fax barrier	Yes, as blocked fax numbers
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 15
Maximum Memory	2 GB
Maximum dimensions (W x D x H)	16.4 x 44.3 x 25.8 in (printer fully opened)
Maximum dimensions (W x D x H)	415.4 x 1124.4 x 656 mm (printer fully opened)
Maximum input capacity (sheets)	Up to 850 sheets (with optional 550-sheet tray)
Maximum output capacity (sheets)	Up to 150 sheets
Maximum print area	212 x 352 mm
Media size (ADF)	Letter; legal; oficio; executive; statement; A4; RA4; A5;B5; 5 x 7 in; 5 x 8 in

Media size, tray 1	A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; envelopes (B5, C5 ISO, C6, DL ISO); 76 x 127 to 216 x 356 mm
Media size, tray 2	A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; 98 x 148 to 216 x 356 mm
Media size, tray 3	A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; 98 x 148 to 216 x 356 mm
Media sizes supported	Tray 1: letter, legal, oficio, executive, statement, 4 x 6, 3 x 5, 5 x 7, 5 x 8, postcard (JIS), double postcard (JIS), 8.5 x 13, envelope (commercial No. 9, No. 10, Monarch); Custom: 3 x 5 to 8.5 x 14 in; Tray 2: letter, executive, statement, 4 x 6, 5 x 7, 5 x 8, double postcard (JIS); Custom: 3.9 x 5.8 to 8.5 x 14 in; Optional Tray 3: letter, executive, statement, 4 x 6, 5 x 7, 5 x 8, double postcard (JIS); Custom: 3.9 x 5.8 to 8.5 x 14 in
Media sizes supported	Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; 98 x 148 to 216 x 356 mm; Optional Tray 3: A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; 98 x 148 to 216 x 356 mm
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes, custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 3.9 x 5.8 to 8.5 x 14 in; Optional Tray 3: 3.9 x 5.8 to 8.5 x 14 in
Media sizes, custom	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
Media type and capacity, ADF	Sheets: 50
Media type and capacity, tray 1	Sheets: 50; envelopes: 5
Media type and capacity, tray 2	Sheets: 250; envelopes: 10
Media type and capacity, tray 3	Sheets: 550
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
Media weight (tray 1)	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Color laser glossy photo papers)
Media weight (tray 2)	60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Color laser glossy photo papers)
Media weight (tray 3)	Optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 150 g/m ² Glossy media)
Media weight, supported	Tray 1: 16 to 47 lb bond (up to 52 lb with HP Color laser glossy photo papers); Tray 2: 16 to 43 lb bond (up to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); optional Tray 3: 16 to 43 lb bond (up to 47 lb with postcards, up to 40 lb with HP Color laser glossy photo papers); Automatic duplexer: 16 to 43 lb
Media weight, supported	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Color laser glossy photo papers); Tray 2: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Color laser glossy photo papers); optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 150 g/m ² Glossy media); Automatic duplexer: 60 to 163 g/m ²
Media weights, supported ADF	16 to 32 lb

Media weights, supported ADF	50 to 120 g/m ²
Memory	2 GB
Memory Slots	None
Minimum System Requirements	2 GB available hard disk space Internet connection or USB port Internet browser. For additional OS hardware requirements see microsoft.com
Minimum System Requirements for Macintosh	2 GB available hard drive space Internet connection or USB port Internet browser. For additional OS hardware requirements see apple.com
Model number	M480f
Native scan file format	PDF; GIF; JPG; MTIFF
Network capabilities footnote number	[13]
Number of users	3-10 Users
Operating humidity range	30 to 70% RH
Operating temperature range	15 to 32.5°C
Operating temperature range	50 to 90.5°F
Output capacity	Up to 150 sheets
Package dimensions (W x D x H)	23.5 x 19.57 x 19.29 in
Package dimensions (W x D x H)	597 x 497 x 490 mm
Package weight	26.34 kg
Package weight	58.07 lb
Page yield (set-up/inbox cartridges)	In box cartridges yield ~2,100 color composite (C/Y/M) and ~2,400 black pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see: http://www.hp.com/go/learnaboutsupplies . Pages may vary based on customer printing conditions and usage.
Page yield footnote	[3] Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit: http://www.hp.com/go/learnaboutsupplies
Pallet dimensions	47.24 x 39.37 x 96.49 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2451 mm
Pallet weight	1163.78 lb
Pallet weight	527.89 kg
Paper handling input, optional	Optional 550-sheet tray
Paper handling input, standard	50-sheet multipurpose tray, 250-sheet input tray
Paper handling output, standard	150-sheet output bin
Paper trays, maximum	3
Paper trays, standard	2
Power	Input voltage: 100 to 127 VAC, 60 Hz, Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, product varies by part number with # Option code identifier)

Print Cartridges/Bottle, Number	4 (1 each black, cyan, magenta, yellow)
Print Technology	Laser
Print colors	Yes
Print languages	HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Print quality black (normal)	Up to 600 x 600 dpi
Print resolution color (normal)	Up to 600 x 600 dpi
Print speed black (Landscape, A5)	Up to 49 ppm
Print speed black (Portrait, A5)	Up to 7 ppm
Print speed color (Landscape, A5)	Up to 49 ppm
Print speed color (Portrait, A5)	Up to 7 ppm
Print speed duplex (A4)	Up to 24 ipm
Print speed duplex (A4)	Up to 24 ipm
Print speed duplex (letter)	Up to 25 ipm
Print speed duplex (letter)	Up to 25 ipm
Print speed footnote (A5)	[6] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
Print speed footnote number (A5)	[6]
Print technology	Laser
Printer Management	HP Printer Assistant, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);
Printer black pages (MPV black)	900
Printer color pages (MPV color)	600
Processor speed	800 MHz
Product long name specifications	HP Color LaserJet Enterprise MFP M480f, Color Printer for Business, Print, copy, scan, fax, Automatic document feeder; JetIntelligence cartridge; Optional high-capacity trays; Scan to email; Two-sided printing; Print from mobile device; Scan to PDF; Touchscreen; Two-sided scanning
Product short name specifications	HP LaserJet Enterprise M480f Multifunction Color Printer, Ethernet Only; Copier, Scanner
Quantity per pallet	20 (US); 16 (EMEA/AP)
RMN number	BOISB-1901-01
Recommended media weight (duplex)	16 to 43 lb bond
Recommended media weight (duplex)	60 to 163 g/m²

Recommended monthly page volume	900 to 4,800 pages
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 monthly scan volume	900 to 4800
Recommended operating humidity range	10 to 90%
Recommended operating temperature range	59 to 80.6°F
Recommended operating temperature range	15 to 27°C
Replacement cartridges footnote	[2] For yield information on the cartridge(s) included with your printer, see http://www.hp.com/go/toneryield . Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.
Resolution	600 dpi
Resolution (black and white, standard mode)	203 x 98 dpi
Resolution (black and white, superfine mode)	Up to 203 x 392 or 300 x 300 dpi; 256 levels of gray
Resolution (black photo grayscale)	300 x 300 dpi (halftone)
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; EN 62471:2008/IEC 62471:2006; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries.
Scan resolution, hardware	Up to 600 x 600 dpi
Scan resolution, optical	Up to 600 dpi
Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), maximum	8.5 x 14 in
Scan size (ADF), minimum	5 x 7 in
Scan size (ADF), minimum	127 x 178 mm
Scan size, maximum	8.5 x 11.7 in
Scan size, maximum	216 x 297 mm
Scan speed duplex (normal, A4)	Up to 46 ipm (b&w), up to 35 ipm (color)
Scan speed duplex (normal, letter)	Up to 49 ipm (b&w), up to 37 ipm (color)

Scan speed footnote

[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Security management

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

Segment (filter)

Business

Standard media sizes (duplex)

A4; A5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); Oficio (216 x 340 mm); RA4; B5 (JIS)

Standard media sizes (duplex, imperial)

Letter; Legal; Executive; Oficio (8.5 x 13 in)

Standard output capacity (envelopes)

Up to 20 envelopes

Storage

16 GB eMMC

Storage device and direct print support

Front-facing USB/Flash drive; USB Printing

Storage temperature range

-4 to 104°F

Storage temperature range

-20 to 40°C

Target user and print volume

For teams up to 10 users; Prints up to 4,000 pages/month

Tariff numbers

8443310000; 8443310000; 84433121

Telecom compliance (fax capability)

Telecom Wired: FCC Rules and Regulations 47 CFR Part 68. ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.

Telephone handset supported

No

Top key features

Compact Size; Strong Security; Two-sided printing; 50-sheet ADF; Energy Efficient

Twain version

Version 2.1

Typical electricity consumption (TEC) footnote

[10] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

Typical electricity consumption (TEC) number

1.051 kWh/week (Blue Angel); 0.378 kWh/week (Energy Star 3.0)

UNSPSC code

43212110

UPC number	(201) 194850585807; (AB0) 193905216758; (AB2) 193905216765; (ABT) 193905216802; (ABY) 193905216819; (ACJ) 193905216772; (ACQ) 193905216826; (B13) 193905216833; (B19) 193905216840; (BAZ) 193905216857; (BBU) 193905216789; (BGJ) 193905216864; (BGM) 193905216796
Warm-up time	170 sec
Waste electrical and electronic weight	21.512 Kg
Web address for additional information	Solutions: http://www.hp.com/go/gsc ; Fonts and IPDS Emulation: http://www.hp.com/go/laserjetfonts ; HP Web Jetadmin: http://www.hp.com/go/wja ; HP Universal Print Driver: http://www.hp.com/go/upd ; HP Imaging & Printing Security Center: http://www.hp.com/go/ipsc ; On Demand Cloud Solutions: http://www.hpjetadvantage.com/ondemand
What is in the box footnote	[1] For yield information on the cartridge(s) included with your printer, see http://www.hp.com/go/toneryield . Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[1] For yield information on the cartridge(s) included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[5] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

Accessories

Accessory Bundles

★ : Recommended

Printer Accessibility Accessories

HP Accessibility Assistant	2MU47A ★
HP Accessibility Kit	2TD64A ★
HP Printing Voice Assistant	478C2A

Cables/Cable Kits/Cable Adapters

Printer Cables

HP Foreign Interface Harness	B5L31A ★
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Network Print Servers

External Print Servers

HP Jetdirect 3100w BLE/NFC/Wireless	3JN69A ★
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Internal Print Servers

HP Jetdirect LAN Accessory	8FP31A ★
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Paper Handling

Input Trays

HP LaserJet 550-sheet Feeder Tray	CF404A ★
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Security and Protection

Smart Cards and SmartCard Readers

HP SmartCard NIPRNet Solution for US Government	CC543B ★
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Printer Accessories

LaserJet Options

HP JetDirect 3200w Wifi 6 BLE/WL Accy	9R1U0A
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Services

Document & Printing

★ : Recommended

Print Security Solutions

HP HID Mob Acc Mifare DES Fire ks Reader	35H11A ★
HP HID Mob Access BLE MIFARE Card Reader	35H11B ★
HP HIP2 Card Reader Accessory Kit	8ZN00A ★

Print Management Software Solutions - Security

HP HIP2 Keystroke Reader	Y7C05A ★
HP Legic Secure USB Reader	4QL32A ★
HP Universal USB Proximity Card Reader	X3D03A ★

Support Services (for Document & Printing)

HP 1 year Post Warranty 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise MFP M480	U11FRPE
HP 1 year Post Warranty Next Business Day w/DMR Service for Color LaserJet Enterprise MFP M480	U11FPPE
HP 1 yr Post Wty Parts Exchange SVC for Color LaserJet Enterprise MFPM480	U11VHPE
HP 3 year 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise MFP M480	U11F9E
HP 3 year Next Business Day w/DMR Service for Color LaserJet Enterprise MFP M480	U11F6E
HP 3 year Parts Exchange Service for Color LaserJet Enterprise MFP M480	U11FLE
HP 4 year 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise MFP M480	U11FBE
HP 4 year Next Business Day w/DMR Service for Color LaserJet Enterprise MFP M480	U11F7E
HP 4 year Parts Exchange Service for Color LaserJet Enterprise MFP M480	U11FME
HP 5 year 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise MFP M480	U11FCE
HP 5 year Next Business Day w/DMR Service for Color LaserJet Enterprise MFP M480	U11F8E
HP 5 year Parts Exchange Service for Color LaserJet Enterprise MFP M480	U11FNE
HP Installation Service with network configuration for Workgroup Printer(1 unit)	U9JT2E

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 414A Black Original LaserJet Toner Cartridge	W2020A
HP 414A Cyan Original LaserJet Toner Cartridge	W2021A
HP 414A Magenta Original LaserJet Toner Cartridge	W2023A
HP 414A Yellow Original LaserJet Toner Cartridge	W2022A
HP 414X High Yield Black Original LaserJet Toner Cartridge	W2020X
HP 414X High Yield Cyan Original LaserJet Toner Cartridge	W2021X
HP 414X High Yield Magenta Original LaserJet Toner Cartridge	W2023X
HP 414X High Yield Yellow Original LaserJet Toner Cartridge	W2022X
HP 415A Black Original LaserJet Toner Cartridge	W2030A
HP 415A Cyan Original LaserJet Toner Cartridge	W2031A
HP 415A Magenta Original LaserJet Toner Cartridge	W2033A
HP 415A Yellow Original LaserJet Toner Cartridge	W2032A
HP 415X High Yield Black Original LaserJet Toner Cartridge	W2030X
HP 415X High Yield Cyan Original LaserJet Toner Cartridge	W2031X
HP 415X High Yield Magenta Original LaserJet Toner Cartridge	W2033X
HP 415X High Yield Yellow Original LaserJet Toner Cartridge	W2032X
HP 416A Black Original LaserJet Toner Cartridge	W2040A
HP 416A Cyan Original LaserJet Toner Cartridge	W2041A
HP 416A Magenta Original LaserJet Toner Cartridge	W2043A
HP 416A Yellow Original LaserJet Toner Cartridge	W2042A
HP 416X High Yield Black Original LaserJet Toner Cartridge	W2040X
HP 416X High Yield Cyan Original LaserJet Toner Cartridge	W2041X
HP 416X High Yield Magenta Original LaserJet Toner Cartridge	W2043X
HP 416X High Yield Yellow Original LaserJet Toner Cartridge	W2042X

HP Paper for Multiple Uses

HP Recycled Paper

HP Brch Lsr GL 200G A SZ 50Sh FSC Paper	4WN11A
HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/A3/297 x 420 mm	7MV81A
HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/A4/210 x 297 mm	7MV82A

HP Business Papers

HP Business Papers for laser

HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/Letter 8.5 x 11 in	4WN08A
HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm	CG965A
HP Professional Laser Glossy FSC Paper 200 gsm-150 sht/A4/210 x 297 mm	7MV83A
HP Professional Laser Glossy FSC Paper 200 gsm-150 sht/Letter/8.5 x 11 in	4WN10A
HP Professional Laser Matte FSC Paper 200 gsm-150 sht/A4/210 x 297 mm	7MV80A
HP Professional Laser Matte FSC Paper 200 gsm-150 sht/Letter/8.5 x 11 in	4WN05A

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP Multipurpose Paper-500 sht/Legal/8.5 x 14 in	HPM1420P
HP Multipurpose Paper-500 sht/Letter/8.5 x 11 in	HPM1120R
HP Multipurpose Paper-500 sht/Tabloid/11 x 17 in	HPM1720P

HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

HP Prof Biz 8.5x11 50sht Gls FSC Paper	6MF93A
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