HP Color LaserJet Enterprise MFP M480f (3QA55A)

Active as of 01/02/2021

Overview

HP's entry-level Enterprise-class Color MFP with speeds up to 28 ppm [10] and strongest security. [1]

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at:
http://www.hp.com/learn/ds

List Price

₱68,034.00

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.

Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency. [3]

Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.

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.

Optimize workflows, reduce steps and errors, and support mobile workers with optional MFP apps that meet your specific business needs.

Help ensure the security of confidential information with PIN/Pull printing to retrieve print jobs.

Sustainability is smart business

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

Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business. [8]

Save energy without sacrificing performance—this MFP is ENERGY STAR® and Blue Angel certified.

The world's most secure printing [1]

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

Common Criteria certified [4] to continually monitor memory activity to detect and stop attacks in real time.

Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.

Specifications

Functions
Print, copy, scan, fax

Print speed black (ISO, A4)
Up to 27 ppm [7] [1]

Print Speed Color (ISO)

Up to 27 ppm [7] 1

Print speed duplex (A4)

Up to 24 ipm

Print speed duplex (A4)

Up to 24 ipm

First page out black (A4, ready)

As fast as 9.5 sec

First page out color (A4, ready)

As fast as 11.0 sec

Duty cycle (monthly, A4)

Up to 55,000 pages

Recommended monthly page volume

900 to 4,800 pages

Number of users

3-10 Users

Print technology

Laser

Print quality black (best)

Up to 600 x 600 dpi

Print quality color (best)

Up to 600 x 600 dpi

Processor speed

800 MHz

Print languages

HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™

Display

4.3" diagonal Color TFT-LCD back lit 480 RGB (H) x 272 (V)

Print colors

Yes

Number of print cartridges

4 (1 each black, cyan, magenta, yellow)

Automatic paper sensor

No

Mac compatible

Yes

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);

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

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

Mobile printing capability
HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print

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

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

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

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

Compatible Network Operating Systems
Windows 11; Windows Server; Linux; Citrix; UNIX; Novell

Memory
2 GB

Maximum Memory
2 GB

Memory Slots
None

Paper handling input, standard
50-sheet multipurpose tray, 250-sheet input tray

Paper handling input, optional
Optional 550-sheet tray

Input capacity
Up to 300 sheets

Maximum input capacity (sheets)
Up to 850 sheets (with optional 550-sheet tray)

Paper handling output, standard
150-sheet output bin

Output capacity
Up to 150 sheets

Maximum output capacity (sheets)
Up to 150 sheets

Duplex printing
Automatic (default)

Paper trays, standard
2

Paper trays, maximum
3

Envelope Feeder
No

Maximum Input Capacity (envelopes)
Up to 15

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, 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 types
Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes

Media weight, supported
Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards and HP Color laser glossy photo papers); Tray 2: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 200 g/m² HP Color laser glossy photo papers): optional Tray 3: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 150 g/m² Glossy media); Automatic duplexer: 60 to 163 g/m²

Scanner type
Flatbed, ADF

Scan resolution, optical
Up to 600 dpi

Bit depth
24-bit

Scan size, maximum
216 x 297 mm

Scan size (ADF), maximum
216 x 356 mm

Automatic document feeder capacity
Standard, 50 sheets

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

File Format Supported
JPG; MTIFF; PDF; PDF/A; TIFF; XPS

Scan speed (normal, A4)
Up to 29 ppm/46 ipm (b&w), up to 20 ppm/35 ipm (color) [11] 1

Copy speed (black, normal quality, A4)
Up to 27 cpm

Copy speed (color, normal quality, A4)
Up to 27 cpm

Copy resolution (black text)
Up to 600 dpi

Copy resolution (color text and graphics)
Up to 600 x 600 dpi

Copy reduce / enlarge settings
25 to 400%

Copies, maximum

Up to 9999 copies

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)

Faxing
Yes

Fax Transmission Speed
33.6 kbps (maximum); 14.4 kbps (default) [5] 1
([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.)
3

Fax memory
Dependent on the amount of available disk space

Fax Resolution Black (best)
Up to 300 x 300 dpi

Fax Broadcast Locations
0

Fax Speed Dials, Maximum Number
Up to 1000 numbers

Fax Auto Redial
Yes

Fax delayed sending
No

Junk fax barrier
Yes, as blocked fax numbers

Fax Polling
Yes (poll to receive only)

Fax Remote Retrieval
No

Fax forwarding
Yes

Fax PC Interface Supported
Yes, software not included

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)

Power supply type
Internal (Built-in) power supply

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.)
3

Typical electricity consumption (TEC) number
1.051 kWh/week (Blue Angel); 0.425 kWh/week (Energy Star 3.0)

Ecolabels
EPEAT® Silver; CECP; ENERGY STAR® certified

Energy star certified
Yes

Operating temperature range
15 to 32.5°C

Recommended operating humidity range

30 to 70% RH

Minimum dimensions (W x D x H)
415.4 x 472 x 399.8 mm

Maximum dimensions (W x D x H)
415.4 x 1124.4 x 656 mm (printer fully opened)

Weight
23.2 kgs

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

Package dimensions (W x D x H)
597 x 497 x 490 mm

Package weight
26.34 kg

Quantity per pallet
20 (US); 16 (EMEA/AP)

Pallet dimensions (W x D x H)
1200 x 1000 x 2451 mm

Pallet weight
527.89 kg

Country of origin
Made in China; Made in Mexico (#201)

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

Cable included
No, please purchase USB cable separately.

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

([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.)
3

Software included

No software solutions are included in the Box only on http://hp.com or http://123.hp.com

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

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Overview

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.

3 HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin

4 Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf

7 Dependent upon country setup specifications.

8 To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit hp.com/go/roam

10 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

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.

7 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.

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