

HP Color LaserJet Managed MFP M680 series



A reliable boost to your workflow

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorised Reseller for details.



Boost your workflow

- Get more done, faster: scan two-sided documents in a single pass. No missed pages, no flipping pages by hand.
- Preview and edit scans, adjust images, and launch standard processes, all at the 20 cm (8-inch) colour touchscreen.
- Fast, accurate input: enter data more quickly and accurately, using the pull-out keyboard.¹
- Scan and send digital files directly to email, SharePoint®, network folders or the cloud.²

Mobilise business printing

- Print without wires or a network. Get easy access to the MFP through optional wireless direct printing.³
- Mobile printing at a touch: enable touch-to-print convenience from mobile devices.⁴
- Easily print from smartphones, tablets and notebooks at work, home or on the go; Mopria-certified.⁵
- Pull print jobs from your pocket – walk up and print or scan from your USB drive.

Ready, set, grow

- Secure your investment – depend on an MFP that can expand with your business, whenever solutions advance.
- Keep a close watch, even from afar – centrally monitor and control your MFPs with HP Web Jetadmin.⁶
- Be confident that sensitive business data is protected with advanced security and an encrypted hard disk.

Power up your productivity

- Reload less often – tackle high-volume printing with a paper capacity of up to 3,100 sheets.⁷
- Reduce employee time at the MFP, using the automatic document feeder.
- Confidently capture data. HP EveryPage lets you scan without worry and detect potential errors on the spot.⁸
- Save time with automatic job sorting and finishing, using the 3-bin stapling mailbox.⁹



Color touchscreen



Color laser technology



2-sided printing

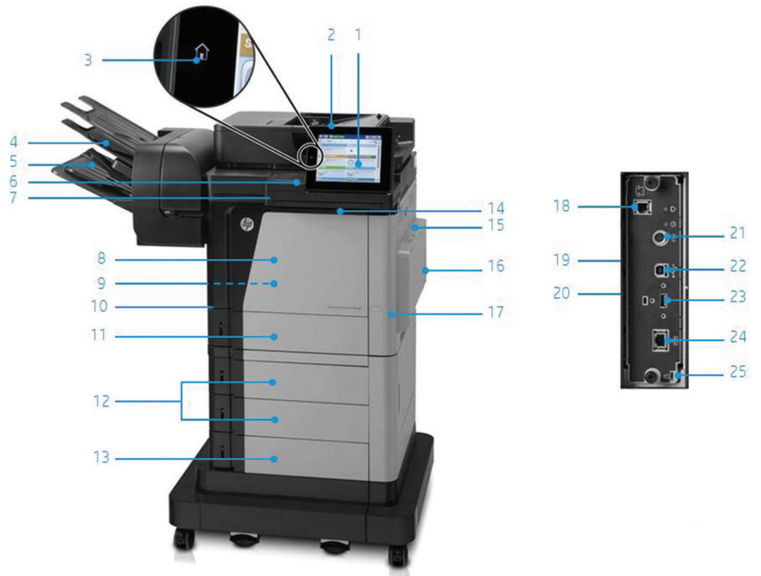


NFC

Product walkaround

HP Color LaserJet Managed Flow MFP M680zm shown:

1. Intuitive 20.3 cm colour touchscreen control panel
2. 100-sheet automatic document feeder (ADF) with single-pass, two-sided scanning and HP EveryPage with ultrasonic double-feed detection
3. Home button (returns to home screen)
4. 900-sheet, 3-bin stapling mailbox accessory
5. 500-sheet output bin
6. Hardware integration pocket (for connecting accessory and third-party devices)
7. Easy access USB port to save and print files directly (An administrator must enable the easy-access USB port before use)
8. Front door (access to toner cartridges)
9. Built-in automatic duplexer
10. Lower-right door (access for clearing jams)
11. 500-sheet tray 2
12. 2 x 500-sheet tray
13. 1,500-sheet high-capacity input with stand
14. Pull-out keyboard for easy, accurate data entry
15. Right-side door (access for clearing jams)
16. 100-sheet multipurpose tray
17. On/off button
18. Fax port
19. 320 GB HP Secure High Performance Hard Disk
20. 800 MHz processor, 2 GB RAM
21. Foreign interface harness (for connecting external devices)
22. Hi-Speed USB 2.0 printing port
23. Hi-speed USB 2.0 port (for connecting third-party devices)
24. HP Jetdirect Gigabit Ethernet print server
25. Access port for optional Kensington-style lock



Series at a glance



Model	HP Color LaserJet Managed MFP M680dnm	HP Color LaserJet Managed Flow MFP M680zm
Product number	L3U47A	L3U48A
Analog fax	Optional	Yes
Automatic two-sided printing	Yes	Yes
100-sheet multipurpose tray 1	Yes	Yes
500-sheet tray 2	Yes	Yes
500-sheet tray 3	Optional*	Not available
500-sheet tray 4	Optional*	Not available
500-sheet feeder tray with cabinet	Optional*	Not available
2x500-sheet and 1,500-sheet feeder tray and stand	Optional*	Yes
900-sheet, 3-bin stapling mailbox accessory	Optional*	Yes
ENERGY STAR® qualified	Yes	Yes
320 GB HP Secure High Performance Hard Disk	Yes	Yes
Workflow features (Hard key Board, HP Every Page Precision Feed, Heavy Duty Scanner, OCR)	Not available	Yes

*M680dnm model: Only up to 2 additional paper handling options can be added: additional 500-sheet tray (up to 2); or one additional 500-sheet tray and 900-sheet 3-bin stapling mailbox accessory; or 900-sheet 3-bin mailbox accessory and either the 500-sheet feeder tray with cabinet or the 2x500-sheet and 1500-sheet feeder tray and stand.

Accessories, Supplies and Support

Supplies	CE246A HP Color LaserJet CE246A 110V Fuser Kit 187,500pages
	CE247A HP Color LaserJet CE247A 220V Fuser Kit 187,500 pages
	CE249A HP Color LaserJet CE249A Image Transfer Kit 150,000 pages
	CE265A HP 648A Toner Collection Unit 36,000 pages
	CF320XC HP CF320XC Black High Yield Contract Original LaserJet Toner Cartridge 22,300 pages
	CF321AC HP CF321AC Cyan Contract Original LaserJet Toner Cartridge 19,900 pages
	CF322AC HP CF322AC Yellow Contract Original LaserJet Toner Cartridge 19,900 pages
	CF323AC HP CF323AC Magenta Contract Original LaserJet Toner Cartridge 19,900 pages
	Accessories
	C8091A HP Staple Cartridge Refill (5000 staples) for Stapler/Stacker accessories
	CC487A HP LaserJet MFP Analog Fax Accessory 500
	CZ261A HP LaserJet 500-sheet Paper Tray
	CZ262A HP LaserJet 500-sheet Paper Feeder with Cabinet
	CZ263A HP 2x500/1x1500-sheet Paper Feeder and Stand
	CZ264A HP 900-sheet 3-bin Stapling Mailbox
	L2718A HP 100 ADF Roller Replacement Kit 100,000 pages
Connectivity	E5K46A HP 1200w NFC/Wireless Mobile Print Accessory
	J8021A HP Jetdirect ew2500 802.11b/g Wireless Print Server
	J8026A HP Jetdirect 2700w USB Wireless Print Server
	J8029A HP Jetdirect 2800w NFC/Wireless Direct Accessory
Service and support	U8HL6E HP 3 year Next Business Day with Defective Media Retention Color LaserJet M680 Managed Hardware Support
	U8HL7E HP 4 year Next Business Day with Defective Media Retention Color LaserJet M680 Managed Hardware Support
	U8HL8E HP 5 year Next Business Day with Defective Media Retention Color LaserJet M680 Managed Hardware Support
	U8HL9PE HP 1 year Post Warranty Next Business Day with Defective Media Retention Color LaserJet M680 Managed Hardware Support
	U8HMOPE HP 2 year Post Warranty Next Business Day with Defective Media Retention Color LaserJet M680 Managed Hardware Support
	U8HM1E HP 3 year Next Business Day Channel Remote Parts Color LaserJet M680 Managed SVC
	U8HM2E HP 4 year Next Business Day Channel Remote Parts Color LaserJet M680 Managed SVC
	U8HM3E HP 5 year Next Business Day Channel Remote Parts Color LaserJet M680 Managed SVC
	U8HM4PE HP 1 year Post Warranty Next Business Day Channel Remote Parts Color LaserJet M680 Managed SVC

Technical specifications

Model	HP Color LaserJet Managed MFP M680dnm	HP Color LaserJet Managed Flow MFP M680zm
Product number	L3U47A	L3U48A
Print speed	Up to 42 ppm black (A4); Up to 42 ppm colour (A4); Up to 38 ipm black duplex (A4); Up to 38 ipm colour duplex (A4)	
First page out time	As fast as 10.5 sec black (A4, ready); As fast as 10.5 sec colour (A4, ready)	
Print resolution	Up to 1200 x 1200 dpi black; Up to 1200 x 1200 dpi colour	
Print technology	Laser	
Print Area	Print margins: Top: 4.3 mm; Bottom: 4.3 mm; Left: 4.3 mm; Right: 4.3 mm; Maximum print area: 207.3 x 347.0 mm	
Print languages	HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, PDF, PDF and AirPrint (URF and PDF)	
Mobile printing capability	HP ePrint, Apple AirPrint™, Mopria-certified, Mobile Apps, optional Touch to Print, optional Wireless Direct printing	
Monthly duty cycle	Up to 180,000 pages (A4), Recommended monthly page volume: 3,000 to 30,000	
Duplex printing	Automatic	
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 WorldType); 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	
SureSupply supported	Yes	
Processor speed	800 Mhz	
Wireless	Optional, enabled with purchase of HP Jetdirect 2700w USB Wireless Print Server J8026A or HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A. Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.	
Connectivity	Standard: 1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third party connections); 1 Jetlink; 1 Accessory (for Kensington Lock); 1 Gigabit Ethernet 10/100/1000; 1 FiH; Optional: J8026A - HP Jetdirect 2700w USB Wireless Print Server; J8029A - HP Jetdirect 2800w NFC/Wireless Direct Accessory; J8021A - HP Jetdirect ew2500 802.11b/g Wireless Print Server. Please note: HP Jetdirect 2800W (J8029A), HP Jetdirect 2700W (J8026A) and HP Jetdirect ew2500 802.11b/g (J8021A) accessories cannot be installed at the same time.	
Network ready	Standard (built-in Gigabit Ethernet); Included Touch-to-Print and Wireless Direct	
Memory	Standard: 2 GB (system memory); Maximum: 3 GB (system memory)	
Hard disk	Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	
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; Maximum number of copies: Up to 9999 copies; Copy resolution: Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)	
Copy speed	Up to 42 cpm black (A4), Up to 42 cpm colour (A4)	
Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: Charge Coupled Device (CCD); Scan input modes: Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OXF) applications; Duplex ADF scanning: Yes, single pass duplex ADF; Scan size maximum (flatbed, ADF): 216 x 356 mm; Optical scan resolution: Up to 600 dpi; Scan technology: Charge Coupled Device (CCD)	

Model	HP Color LaserJet Managed MFP M680dnm	HP Color LaserJet Managed Flow MFP M680zm
Product number	L3U47A	L3U48A
Scannable area	Flatbed: Maximum scan size: 216 x 356 mm ADF: Minimum scan size: 68 x 148 mm; Maximum scan size: 216 x 356 mm	
Recommended monthly scan volume	14,250 to 23,750	26,750 to 44,500
Bit depth/ Grey scale levels	24-bit/ 256	
Digital sending	Optional: Optional via HP Digital Sending Software (HP DSS); Send to folder; Send to workflow; Send to printer; Authentication; Digital fax (send to LAN, Internet); OCR: Local Address Book; via HP Embedded Capture; Metadata capture and validation; Data transfer; Scan workflow management	
Fax smart software features	Stored faxes; fax archiving; fax forwarding; scale-to-fit; fax address book; LAN/Internet fax; fax number confirmation	
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), colour transparency, labels, letterhead, envelope, preprinted, prepunched, coloured, rough, opaque film, user-defined	
Paper size	ADF: A4; A5; B5 Custom metric: Tray 1: 101.6 x 152.4 to 216 x 356 mm; Tray 2: 148 x 210 to 216 x 356 mm Supported metric: Tray 1: A4, A5, B5 (JIS), B6 (JIS); envelopes (C5, B5, C6, DL ISO); 16K; Postcard; Dpostcard; Tray 2, 3, 4: A4, A5, B5 (JIS); 16K; Tray 5: A4	Custom metric: Tray 1: 101.6 x 152 to 216 x 356 mm; Tray 2, 3, 4: 148 x 210 to 216 x 356 mm; Tray 5: no custom sizes Supported metric: Tray 1: A4, A5, A6, B5 (JIS), B6 (JIS); envelopes (C5, B5, C6, DL ISO); 16K; Postcard; Dpostcard; Tray 2, 3, 4: A4, A5, B5 (JIS); 16K; Tray 5: A4
Paper handling	Standard input: 100-sheet multipurpose tray, 500-sheet input tray 2, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing Standard output: 500-sheet output bin Optional/ Input: Optional 500-sheet tray 3 with storage cabinet, optional 2 x 500-sheet trays and 1500-sheet HCl with stand ADF: Standard, 100 sheets	Standard input: 100-sheet multipurpose tray, 500-sheet input trays 2, 3, and 4, 1500-sheet input tray 5, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing
Input capacity	Tray 1: sheets (75 g/m ²): 100, labels: 10, transparencies, cardstock (163 g/m ²): 50; cardstock (216 g/m ²): 30; envelopes: 10 Tray 2: sheets (75 g/m ²): 500; Glossy Paper (160 g/m ²): 300; Glossy Paper (220 g/m ²): 100 Optional Maximum: Up to 3,100 sheets	Tray 3 and 4: sheets (75 g/m ²): 500; Glossy Paper (160 g/m ²): 300; Glossy Paper (220 g/m ²): 100; Tray 5: sheets (75 g/m ²): 1500; Glossy Paper (160 g/m ²): 300; Glossy Paper (220 g/m ²): 100 Maximum: Up to 3,100 sheets
Output capacity	Standard: Up to 500 sheets, Up to 75 envelopes, Up to 200 sheets Transparencies Maximum: Up to 900 sheets	
Paper weight	Tray 1: 60 to 216 g/m ² (plain), 105 to 220 g/m ² (glossy); Trays 2: 60 to 120 g/m ² (plain), 105 to 220 g/m ² (glossy) ADF: 60 to 120 g/m ²	Tray 1: 60 to 216 g/m ² (plain), 105 to 220 g/m ² (glossy); Trays 2, 3, 4, 5: 60 to 120 g/m ² (plain), 105 to 220 g/m ² (glossy)
Standard connectivity	1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third party connections); 1 Jetlink; 1 Accessory (for Kensington Lock); 1 Gigabit Ethernet 10/100/1000; 1 FH	
What's in the box	HP Color LaserJet Managed MFP M680dnm; Black (11,500 pages), Cyan, Magenta and Yellow (16,500 pages) HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Hardware Install Guide; Power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive	HP Color LaserJet Managed MFP M680zm; Black (11,500 pages), Cyan, Magenta and Yellow (16,500 pages) HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Hardware Install Guide; Power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; 900 sheet 3-bin stapling mailbox; 3,100 high capacity sheet paper input w/stand; Automatic duplexer (built-in); Encrypted Hard Drive; Fax; Fax cable
Replacement cartridges	HP Contractual High Yield Black Original LaserJet Toner Cartridge (22,300 pages) CF320XC; HP Contractual Cyan Original LaserJet Toner Cartridge (19,900 pages) CF321AC; HP Contractual Yellow Original LaserJet Toner Cartridge (19,900 pages) CF322AC; HP Contractual Magenta Original LaserJet Toner Cartridge (19,900 pages) CF323AC	
Supported network protocols	IPv4/IPv6; Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, iPrint	
Compatible operating systems	Windows XP SP3 or greater (32-bit and 64-bit); Windows Vista (32-bit and 64-bit); Windows 7 (32-bit and 64-bit); Windows 8 (32-bit and 64-bit); Windows Server 2003 SP2 or greater (32-bit and 64-bit); Windows Server 2008 (32-bit and 64-bit); Windows Server 2008 R2 (64-bit); Windows Server 2012 (64-bit); Mac OS X v10.6 Snow Leopard; OS X v10.7 Lion; OS X v10.8 Mountain Lion; OS X v10.9 Mavericks; For the latest operating system support see: Air Print http://support.apple.com/kb/ht4356 ; Android Citrix® and Windows Terminal Services (http://www.hp.com/go/upd); HP ePrint Software Driver http://www.hp.com/go/eprintssoftware ; Linux (http://www.hplip.net); Novell (http://www.novell.com/iprint); SAP device types http://www.hp.com/go/sap/drivers ; SAP Print http://www.hp.com/go/sap/print ; UNIX http://www.hp.com/go/unix ; UNIX Jetdirect http://www.hp.com/go/jetdirectunix_software ; Unix Model Scripts http://www.hp.com/go/unixmodelscripts	
Minimum system requirements	Windows: Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008; Windows Server 2008 R2 (64 bit); Windows Server 2012 (64-bit); 200 MB available hard disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; Operating system compatible hardware system requirements see http://www.microsoft.com Mac: Mac OS X v10.6 Snow Leopard; OS X v10.7 Lion; OS X v10.8 Mountain Lion; OS X v10.9 Mavericks; CD-ROM or DVD drive, or Internet connection; Dedicated Universal Serial Bus (USB 1.1 or 2.0), or network connection; 1 GB available hard disk space; Operating system compatible hardware system requirements see http://www.apple.com	
Software included	Windows: HP Installer/Uninstaller, HP PCL 6 print driver, Wizard, Scan to Folder Setup Wizard, Scan to e-mail setup Wizard, HP Send Fax, DXP (Device Experience), HP Help & Learn Center, Product Registration Assist. Mac: HP Installer/Uninstaller, HP Postscript driver, HP Utility, HP Alerts, HP Firmware Updater	
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, and 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 & e-mail (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, hardware integration pocket for security solutions; Security management: Compatible with HP Imaging and Printing Security Center	
Printer management	HP Web Jetadmin; HP Utility (Mac)	
Printer Weight	56.5 kg	87.0 kg
Package weight	61.6 kg	116.8 kg
Operating environment	Temperature: 15 to 30°C, Humidity: 30 to 70% RH	
Storage	Temperature: 0 to 35°C, Humidity: 10 to 90% RH	
Acoustics	Acoustic power emissions: 7.1 B(A); Acoustic pressure emissions: 54 dB(A)	
Power	Requirements: Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A Consumption: 797 watts (printing), 83 watts (ready), 7 watts (sleep), 0.07 watts (manual-off), 1.53 (auto-off/wake on LAN), 0.07 (auto-off/manual-on). Typical Electricity Consumption (TEC): 5.687 kWh/Week. Power supply type: Built-in power supply	
Certifications	CISPR 22:2008/EN 55022:2010 (Class A), EN 61000-3-2 :2006 +A1:2009 +A2:2009, EN 61000-3-3 :2008, EN 55024:2010, FCC Title 47 CFR, ICES-003, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries ENERGY STAR® qualified; Blue Angel; CECP; EPEAT® Silver	
Warranty	One-year, onsite warranty. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.	

Footnotes

¹Keyboard is available on the HP Color LaserJet Managed MFP M680zm only.; ²Scanning to SharePoint and/or the cloud requires an Internet connection to the printer. Services may require registration. Availability varies by country, language and agreements. For details, see <http://www.hp.com/go/mfp>.; ³Wireless direct printing requires purchase of optional module. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see <http://www.hp.com/go/businessmobileprinting>.; ⁴Touch-to-print capability requires purchase of optional module. Mobile device must support near-field communications-enabled printing. For a list of supported devices, see <http://www.hp.com/go/businessmobileprinting>.; ⁵Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See <http://www.hp.com/go/businessmobileprinting> for more details. Mopria-certified devices adhere to a common standard that enables easy mobile printing with little or no setup.; ⁶HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin>.; ⁷Maximum paper capacity requires purchase of additional paper trays for the HP LaserJet Managed M680dnm.; ⁸HP EveryPage is available on the HP Color LaserJet Managed MFP M680zm only.; ⁹Three-bin stapling mailbox requires additional purchase for the HP Color LaserJet Managed MFP M680dnm.; ¹⁰Fax functionality not available on the HP Color LaserJet Managed MFP M680dnm.



<http://www.hp.com/uk>

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