

# HP Color LaserJet Enterprise MFP M578 Printer series



## Future-proof performance for whatever business brings

Ideal for 5-15 people printing up to 10,000 pages per month who want premium colour at fast speeds plus quick scanning and copying into workflows.



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>



Color touchscreen



Color laser technology



Low energy

### HP's most secure printing<sup>1</sup>

- The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.
- Common Criteria certified<sup>2</sup> 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.
- The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.

### Easy to use, simple to manage

- HP FutureSmart firmware can be updated with the latest features<sup>3</sup> to optimise your investment for years to come.
- Centralise control of your printing environment with HP Web Jetadmin – and help build business efficiency.<sup>4</sup>
- Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.
- Expect consistent, high-quality results with technology that automatically adjusts print settings to paper type.

### Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages – every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and greyscale-optimised.
- Accurately capture and edit text, then save as a Microsoft® Word or searchable PDF with built-in OCR software. Available only on M578c.

### Sustainability is smart business

- Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings.<sup>5</sup>
- Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business.<sup>6</sup>
- Help save energy intelligently by using only the power you need with HP Auto-On/Auto-Off Technology.<sup>7</sup>
- Help reduce your impact. Count on easy cartridge recycling at no charge with HP Planet Partners.<sup>8</sup>

## Product walkaround

HP Color LaserJet Enterprise Flow MFP M578c shown

1. 100 sheet automatic document feeder (ADF)
2. Hardware Integration Pocket (for connecting accessory and third-party devices)
3. Easy-access USB port
4. 250 sheet output bin
5. Automatic two-sided printing (default)
6. 20.3 cm (8.0-inch) colour touchscreen
7. Pull-out keyboard
8. Convenient front on/off switch
9. Convenience stapler
10. Right door, access to print path
11. Front door, access to HP JetIntelligence cartridges
12. 100 sheet multipurpose tray 1
13. 550 sheet tray 2
14. Fax port
15. Gigabit Ethernet network port
16. Hi-Speed USB 2.0 port for third-party devices
17. Hi-Speed USB 2.0 printing port



## Series at a glance



Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise Flow MFP M578c
Product number	7ZU85A	7ZU87A
Print speed (A4)	Up to 38 ppm	
Automatic two-sided printing (default)	Yes	
100 sheet multipurpose tray 1 and 550 sheet input tray 2	Yes	
500 sheet input trays 3, 4, and 5	Optional	
100 sheet ADF	Yes	Yes (plus HP EveryPage)
Convenience stapler	Not available	Standard
Advanced workflow features	Not available	Yes
Input capacity (standard/maximum)	Up to 650/2,300 sheets	
Printer stand	Optional	
Control panel	20.3 cm colour touchscreen	20.3 cm colour touchscreen and integrated keyboard
Fax	Optional	Yes
HP High-Performance Secure Hard Disk	Yes	
Dual-band Wi-Fi with Bluetooth® Low Energy, Wi-Fi Direct®	Optional	
ENERGY STAR® Certified	Yes	

## Configurable Items, Accessories, Supplies and Support

Supplies <sup>8</sup>	B5L36A HP Color LaserJet B5L36A 220V Fuser Kit (Average yield 150,000 pages)
	B5L37A HP Color LaserJet B5L37A Toner Collection Unit (Average yield 54,000 pages)
	W2120A HP 212A Black Original LaserJet Toner Cartridge (~5,500 pages)
	W2120X HP 212X High Yield Black Original LaserJet Toner Cartridge (13,000 pages)
	W2121A HP 212A Cyan Original LaserJet Toner Cartridge (~4,500 pages/4,500 pages)
	W2121X HP 212X High Yield Cyan Original LaserJet Toner Cartridge (~10,000 pages/10,000 pages)
	W2122A HP 212A Yellow Original LaserJet Toner Cartridge (~4,500 pages/4,500 pages)
	W2122X HP 212X High Yield Yellow Original LaserJet Toner Cartridge (~10,000 pages/10,000 pages)
	W2123A HP 212A Magenta Original LaserJet Toner Cartridge (~4,500 pages/4,500 pages)
	W2123X HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages/10,000 pages)
Accessories	2NR09A HP 2GB 144-Pin DDR3 TAA Version DIMM
	2NR12A HP Removable Hard Drive Enclosure
	3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
	4QL32A HP Legic Secure USB Reader
	8FP31A HP Jetdirect LAN Accessory
	A7W14A HP LaserJet Swedish Overlay Keyboard
	B5L28A HP Internal USB Ports
	B5L31A HP Foreign Interface Harness
	B5L34A HP Color LaserJet 550-sheet Media Tray
	B5L51A HP Color LaserJet Printer Cabinet
	B5L53A HP LaserJet MFP Analog Fax Accessory 600
	E5K48A HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
	E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
	WSU23A HP 200 ADF Roller Replacement Kit
X3D03A HP Universal USB Proximity Card Reader	
Y7C05A HP HIP2 Keystroke Reader	
Service and Support	U8TH7E HP 3 year Next Business Day for Color LaserJet M57x service
	U8TH8E HP 4 year Next Business Day for Color LaserJet M57x service
	U8TH9E HP 5 year Next Business Day for Color LaserJet M57x service
	U8TK8PE HP 1 year Post Warranty Next Business Day for Color LaserJet M57x service
	U8TK9PE HP 2 year Post Warranty Next Business Day for Color LaserJet M57x service
	U9JT2E HP Installation Service with Network Configuration for Workgroup Printer (1 unit)

## Technical specifications

Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise Flow MFP M578c
Product number	7ZU85A	7ZU87A
Functions	Print, copy, scan, fax (optional)	Print, copy, scan, fax
Control panel	20.3 cm (8.0-in) colour touchscreen; Adjustable angle display with gesturing; Illuminated Home button (for quick return to the Home menu)	20.3 cm (8.0-in) colour touchscreen; Adjustable angle display with gesturing; Illuminated Home button (for quick return to the Home menu) and integrated keyboard
<b>Print</b>		
Print technology	Laser	
Print speed <sup>1</sup>	Black (A4, normal): Up to 38 ppm; Colour (A4, normal): Up to 38 ppm; Black (A4, duplex): Up to 38 ipm; Colour (A4, duplex): Up to 38 ipm;	
First page out <sup>2</sup>	Black (A4, ready): As fast as 7.0 sec; Colour (A4, ready): As fast as 7.9 sec; Black (A4, sleep): As fast as 10.7 sec; Colour (A4, sleep): As fast as 11.7 sec;	
Print resolution	Black (best): HP ImageREt 3600; Colour (best): HP ImageREt 3600; Technology: HP ImageREt 3600, Pantone Calibrated;	
Monthly duty cycle	Up to 80,000 pages A4; Recommended monthly page volume: 2,000 to 10,000	
Printer smart software features	Apple AirPrint™, Mopria-certified, HP ePrint, ROAM optional for easy printing, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 20.3 cm touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, Print Preview	Apple AirPrint™, Mopria-certified, HP ePrint, ROAM optional for easy printing, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 20.3 cm touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview, advanced workflow features with integrated pull-out keyboard
Standard print languages	XPS, HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)	
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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>	
Print area	Print margins Top: 2 mm absolute/5 mm assured image, Bottom: 2 mm absolute/5 mm assured image, Left: 2 mm absolute/5 mm assured image, Right: 2 mm absolute/5 mm assured image; Maximum print area: 212 x 352 mm	
Duplex printing	Automatic (standard)	
<b>Copy</b>		
Copy speed	Black (A4): Up to 38 cpm; Colour (A4): Up to 38 cpm	
Copier specifications	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); Maximum number of copies: Up to 9999 copies; Reduce/Enlarge: 25 to 400%;	
<b>Scan</b>		
Scan speed <sup>3</sup>	Normal (A4): Up to 43 ppm/43 ipm (black and white), up to 38 ppm/38 ipm (colour); Duplex (A4): Up to 43 ipm (black and white), up to 38 ipm (colour)	Normal (A4): Up to 45 ppm/64 ipm (black and white), up to 45 ppm/58 ipm (colour); Duplex (A4): Up to 64 ipm (black and white), up to 58 ipm (colour)

Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise Flow MFP M578c
Product number	7ZU85A	7ZU87A
Scanner specifications	<b>Scanner type:</b> Flatbed, ADF (two-sided, single-pass); <b>Scan technology:</b> Contact Image Sensor (CIS); <b>Scan input modes:</b> Front panel applications; Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications; HP Scan or user application via TWAIN; <b>Twain version:</b> Version 2.1; <b>Duplex ADF scanning:</b> Yes; <b>Scan size maximum (flatbed):</b> 216 x 356 mm; <b>Optical scan resolution:</b> Up to 600 dpi	
Scanner advanced features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR); Auto crop to page; Auto-tone
Recommended monthly scan volume	4,150 to 6,900	8,350 to 13,900
Scannable area	<b>Maximum media size (flatbed):</b> 216 x 356 mm; <b>Minimum media size (ADF):</b> 105 x 127 mm <b>Maximum media size (ADF):</b> 216 x 356 mm	
Bit depth/ Grey scale levels	24-bit / 256	
Digital sending	Standard: Send to Sharepoint; Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF ; 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	Standard: Scan to E-mail; Scan-to-Sharepoint; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; OCR; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR ; 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
<b>Fax</b>		
Fax	Optional,	Yes, 33.6 kbps
Fax specifications		<b>Fax memory:</b> Dependent on the amount of available disk space; <b>Fax resolution:</b> Standard: 204 x 98 dpi; Fine: 204 x 196 dpi; Superfine: 300 x 300 dpi; <b>Quick dialing:</b> Up to 1000 numbers
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
<b>Processor speed</b>	1.2 GHz	
<b>Connectivity</b>		
Standard	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket	
Optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A	
Wireless	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™; Mopria™ Certified; NFC Touch-to-print (optional); Roam optional	
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x	
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard); 802.11b/g/n / 2.4 / 5 GHz Wi-Fi radio wireless networking (optional)	
<b>Hard disk</b>	Standard, embedded HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)	
<b>Memory</b>	<b>Standard:</b> 1.25 GB (printer), 512 MB (scanner); <b>Maximum<sup>1</sup>:</b> 3.75 GB	
<b>Media handling</b>		
Number of paper trays	<b>Standard:</b> 2 ; <b>Maximum:</b> 5	
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, envelope, preprinted, prepunched, coloured, rough, opaque film, user-defined	
Media size	<b>Custom (metric):</b> Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 148 to 216 x 297 mm; Optional Trays 3+: 102 x 148 to 216 x 356 mm ; <b>Supported (metric):</b> 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, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3+: A4, RA4, A5, B5 (JIS), 16K; Custom: 102 x 148 to 216 x 356 mm ; <b>ADF:</b> Letter; legal; oficio; executive; statement; 16K; A4; RA4; A5; A6; B5; B6 (JIS); Postcard (JIS); DPostcard (JIS); 4 x 6 in; 5 x 7 in; 5 x 8 in	

Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise Flow MFP M578c
Product number	7ZU85A	7ZU87A
Media handling	<b>Standard input:</b> 100 sheet multipurpose tray, 550 sheet input tray 2 <b>Standard output:</b> 250 sheet output bin <b>Optional input:</b> 550 sheet media input tray 3, 550 sheet media input tray 4, 550 sheet media input tray 5 <b>ADF:</b> Standard, 100 sheets	<b>Standard input:</b> 100 sheet multipurpose tray, 550 sheet input tray 2 <b>Standard output:</b> 250 sheet output bin, convenience stapler <b>Optional input:</b> 550 sheet media input tray 3, 550 sheet media input tray 4, 550 sheet media input tray 5 <b>ADF:</b> Standard, 100 sheets
Media weight	Tray 1: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Tray 2: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Optional Trays 3+: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Automatic Duplexer: 60 to 163 g/m <sup>2</sup> ; <b>ADF:</b> 45 to 199 g/m <sup>2</sup>	Tray 1: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Tray 2: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Optional Trays 3+: 60 to 220 g/m <sup>2</sup> (plain paper), 105 to 220 g/m <sup>2</sup> (glossy paper); Automatic Duplexer: 60 to 163 g/m <sup>2</sup> ; <b>ADF:</b> 45 to 199 g/m <sup>2</sup>
Input capacity	<b>Tray 1:</b> Sheets (75 g/m <sup>2</sup> paper): 100; Transparencies, cardstock (163 g/m <sup>2</sup> ): 50; Cardstock (216 g/m <sup>2</sup> ): 30; Envelopes: 10 <b>Tray 2:</b> Sheets (75 g/m <sup>2</sup> paper): 550; Labels, cardstock (163 g/m <sup>2</sup> ); Transparencies: 100 <b>Tray 3:</b> Sheets (75 g/m <sup>2</sup> paper): 550; Labels, cardstock (163 g/m <sup>2</sup> ); Transparencies: 100 <b>Maximum:</b> Up to 2,300 sheets <b>ADF:</b> Standard, 100 sheets	<b>Tray 1:</b> Sheets (75 g/m <sup>2</sup> paper): 100; Transparencies, cardstock (163 g/m <sup>2</sup> ): 50; Cardstock (216 g/m <sup>2</sup> ): 30; Envelopes: 10 <b>Tray 2:</b> Sheets (75 g/m <sup>2</sup> paper): 550; Labels, cardstock (163 g/m <sup>2</sup> ); Transparencies: 100 <b>Tray 3:</b> Sheets (75 g/m <sup>2</sup> paper): 550; Labels, cardstock (163 g/m <sup>2</sup> ); Transparencies: 100 <b>Maximum:</b> Up to 2,300 sheets <b>ADF:</b> Standard, 100 sheets
Output capacity	<b>Standard:</b> Up to 250 sheets Envelopes: Up to 10 envelopes Transparencies: Up to 100 sheets <b>Maximum:</b> Up to 250 sheets	<b>Standard:</b> Up to 250 sheets Envelopes: Up to 10 envelopes Transparencies: Up to 100 sheets <b>Maximum:</b> Up to 250 sheets
Compatible operating systems	Windows Client OS (32/64-bit): Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android; Mac: Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Apple® macOS Catalina v10.15; Discrete PCL6 Printer Driver: for more information on the supported operating systems go to <a href="http://www.support.hp.com">http://www.support.hp.com</a> , 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 <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>	Windows Client OS (32/64-bit): Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android; Mac: Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Apple® macOS Catalina v10.15; Discrete PCL6 Printer Driver: for more information on the supported operating systems go to <a href="http://www.support.hp.com">http://www.support.hp.com</a> , Enter your product name and search, Click on User Guides and enter your product name and search for 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 <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server; Citrix Ready Kit Certification- Up to Citrix Server 7.18, for more information see <a href="http://www.citrixready.citrix.com">http://www.citrixready.citrix.com</a> ; Linux- For more information see <a href="http://www.developers.hp.com/hp-linux-imaging-and-printing">http://www.developers.hp.com/hp-linux-imaging-and-printing</a> ; Unix- For more information see <a href="http://www.hp.com/go/unixmodelscripts">http://www.hp.com/go/unixmodelscripts</a> ; UPD PCL6 / PS Printer Drivers- For more information on the supported operating systems go to <a href="http://www.support.hp.com">http://www.support.hp.com</a> , 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; Supported Operating systems- For more information on the supported operating systems see <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server; Citrix Ready Kit Certification- Up to Citrix Server 7.18, for more information see <a href="http://www.citrixready.citrix.com">http://www.citrixready.citrix.com</a> ; Linux- For more information see <a href="http://www.developers.hp.com/hp-linux-imaging-and-printing">http://www.developers.hp.com/hp-linux-imaging-and-printing</a> ; Unix- For more information see <a href="http://www.hp.com/go/unixmodelscripts">http://www.hp.com/go/unixmodelscripts</a> ; UPD PCL6 / PS Printer Drivers- For more information on the supported operating systems go to <a href="http://www.support.hp.com">http://www.support.hp.com</a> , 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; Supported Operating systems- For more information on the supported operating systems see <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>
Minimum system requirements	<b>Windows:</b> 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://www.microsoft.com">http://www.microsoft.com</a> ; <b>Mac:</b> 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://www.apple.com">http://www.apple.com</a>	<b>Windows:</b> 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://www.microsoft.com">http://www.microsoft.com</a> ; <b>Mac:</b> 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://www.apple.com">http://www.apple.com</a>
Software included	No software solutions are included in the Box, only on <a href="http://www.hp.com">http://www.hp.com</a> , <a href="http://www.123.hp.com">http://www.123.hp.com</a>	No software solutions are included in the Box, only on <a href="http://www.hp.com">http://www.hp.com</a> , <a href="http://www.123.hp.com">http://www.123.hp.com</a>
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 WPA-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); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; Hardware Integration Pocket for security solutions; Intrusion Detection with Red Balloon Security Technology (Constant in-device monitoring for attacks); HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability); Whitelisting (loads only known good code DLLs, EXEs, etc.); Embedded Trusted Platform Module (TPM); HP Connection Inspector; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs	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 WPA-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); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; Hardware Integration Pocket for security solutions; Intrusion Detection with Red Balloon Security Technology (Constant in-device monitoring for attacks); HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability); Whitelisting (loads only known good code DLLs, EXEs, etc.); Embedded Trusted Platform Module (TPM); HP Connection Inspector; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Dimensions and weight		
Printer dimensions (W x D x H)	<b>Minimum</b> 482 x 504 x 583 mm; <b>Maximum:</b> 820 x 863 x 837 mm;	
Package dimensions (W x D x H)	755 x 600 x 650 mm	
Printer weight	38.1 kg	38.6 kg
Package weight	44.7 kg	45.2 kg
Operating environment	<b>Temperature:</b> 10 to 32.5°C; <b>Humidity:</b> 30 to 70% RH	<b>Temperature:</b> 10 to 32.5°C; <b>Humidity:</b> 30 to 70% RH
Storage conditions	<b>Temperature:</b> -20 to 40°C;	<b>Temperature:</b> -20 to 40°C;
Acoustics	<b>Acoustic power emissions:</b> 6.5 B(A) (printing at 38 ppm); <b>Acoustic pressure emissions:</b> 51 dB(A) (printing at 38 ppm)	<b>Acoustic power emissions:</b> 6.5 B(A) (printing at 38 ppm); <b>Acoustic pressure emissions:</b> 51 dB(A) (printing at 38 ppm)
Power	<b>Requirements:</b> 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); <b>Consumption:</b> 617 watts (Printing), 40 watts (Ready), 5.4 watts (Sleep), 0.07 watts (Auto-Off/Manual On), 0.58 watts (Auto-Off/Auto-On/Wake on LAN); <b>Typical Electricity Consumption (TEC):</b> Blue Angel: 1.555 kWh/Week; Energy Star 3.0: 0.501 kWh/Week; <b>Power supply type:</b> Built-in 220V Power Supply;	<b>Requirements:</b> 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); <b>Consumption:</b> 617 watts (Printing), 40 watts (Ready), 5.4 watts (Sleep), 0.07 watts (Auto-Off/Manual On), 0.58 watts (Auto-Off/Auto-On/Wake on LAN); <b>Typical Electricity Consumption (TEC):</b> Blue Angel: 1.555 kWh/Week; Energy Star 3.0: 0.501 kWh/Week; <b>Power supply type:</b> Built-in 220V Power Supply;
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Certifications <sup>6</sup>	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. Blue Angel; EPEAT® Silver; CECP; ENERGY STAR® certified	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. Blue Angel; EPEAT® Silver; CECP; ENERGY STAR® certified <b>Telecom compliance:</b> Energy Star 203 021-1 v2.1.1; Energy Star 203 021-2 v2.1.2; Energy Star 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.
Sustainable impact specifications	Mercury free	Mercury free
Blue Angel compliant <sup>7</sup>	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies
Country of origin	Integrations sites in Mexico, China, and Netherlands. Made in Mexico (AC4, ACB, AKV, BGJ); Made in China (AB0, AB2, ABJ, ACJ, BBU, BGM, ACQ, B13, B19); Made in Japan (ABT, ABY, ACQ, B13, B19, BAZ).	Integrations sites in Mexico, China, and Netherlands. Made in Mexico (AC4, ACB, AKV, BGJ, 201); Made in Japan (ABT, ABY, ACQ, B13, B19, BAZ).
What's in the box <sup>8</sup>	HP Color LaserJet Enterprise MFP M578dn Printer; Four preinstalled HP LaserJet toner cartridges (yield 5,500 pages black, 3,500 pages pages cyan, magenta, yellow composite); Toner collection unit; In-box documentation; Power Cord	HP Color LaserJet Enterprise Flow MFP M578c Printer; Four preinstalled HP LaserJet toner cartridges (yield 5,500 pages black, 3,500 pages pages cyan, magenta, yellow composite); Toner collection unit; In-box documentation; Power Cord; Fax cable
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.

## Footnotes

- <sup>1</sup> HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of HP in-class printers. 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 <http://www.hp.com/go/PrintersThatProtect>.
- <sup>2</sup> Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Enterprise and Managed 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>.
- <sup>3</sup> 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.
- <sup>4</sup> HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin>.
- <sup>5</sup> Dependent upon country setup specifications.
- <sup>6</sup> 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 <http://www.hp.com/go/roam>.
- <sup>7</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings. May require a firmware upgrade.
- <sup>8</sup> Program availability varies. For more information, visit <http://www.hp.com/recycle>.

## Technical specifications disclaimers

- <sup>1</sup> 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.
- <sup>2</sup> Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>3</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- <sup>4</sup> Maximum physical memory present is reported. Actual usable amount by firmware might be less.
- <sup>5</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
- <sup>6</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- <sup>7</sup> 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. Blue Angel value typically based on measurement of 230V device.
- <sup>8</sup> Average black and colour composite (C/M/Y) declared yields 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/toneryield>. HP Color LaserJet Enterprise MFP / Flow MFP M578 in-box colour cartridges may have higher yield than stated for printer units manufactured before 2021.
- <sup>10</sup> 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.

