



HP Color LaserJet Enterprise MFP M578 Printer series

HP's mid-level Enterprise-class color MFP with speeds up to 40 ppm⁶ and strongest security.²

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

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.
<http://www.hp.com/go/learnaboutsupplies>



HP Color LaserJet Enterprise MFP M578dn



HP Color LaserJet Enterprise MFP M578f



HP Color LaserJet Enterprise Flow MFP M578c



HP Color LaserJet Enterprise Flow MFP M578z

The world's most secure printing²

- The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.
- Common Criteria certified³ 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 features¹ to optimize your investment for years to come.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.⁵
- 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 grayscale-optimized.
- Accurately capture and edit text, then save as a Microsoft® Word or searchable PDF with built-in OCR software. Available only on M578c and M578z models

Sustainability is smart business

- Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings.⁹
- Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business.¹⁰
- Help save energy intelligently by using only the power you need with HP Auto-On/Auto-Off Technology.¹¹
- Help reduce your impact. Count on easy cartridge recycling at no charge with HP Planet Partners.¹²

¹Some 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.
²HP'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 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
³Third-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>
⁴Use of the HP Trusted Platform Module may require a firmware upgrade.
⁵HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin
⁶Measured 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.
⁷Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
⁸Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.
⁹Dependent upon country setup specifications.
¹⁰To 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
¹¹HP Auto-On/Auto-Off Technology capabilities subject to printer and settings. May require a firmware upgrade.
¹²Program availability varies. For more information, visit hp.com/recycle
¹³An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

Product walkaround

1. 100-sheet automatic document feeder (ADF)
2. Hardware Integration Pocket (for connecting accessory and third-party devices)¹
3. Easy-access USB port²
4. 250-sheet output bin
5. Automatic two-sided printing (default)³
6. Fax port
7. Gigabit Ethernet network port
8. Hi-Speed USB 2.0 port for third-party devices
9. Hi-Speed USB 2.0 printing port
10. 8.0-inch (20.3 cm) color touchscreen
11. Pull-out keyboard
12. Convenient front on/off switch
13. Convenience stapler
14. Right door, access to print path
15. Front door, access to HP JetIntelligence cartridges
16. 100-sheet multipurpose tray 1
17. 550-sheet tray 2



Series at a glance



Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise MFP M578f	HP Color LaserJet Enterprise Flow MFP M578c	HP Color LaserJet Enterprise Flow MFP M578z
Product number	7ZU85A	7ZU86A	7ZU87A	7ZU88A
Print speed (Letter) ⁴	Up to 40 ppm			
Automatic two-sided printing (default) ³	√			
100-sheet multipurpose tray 1 and 550-sheet input tray 2	√			
500-sheet input trays 3, 4, and 5	Optional			
100-sheet ADF	√		√ (plus HP EveryPage)	
Convenience stapler	Not available		Optional	
Advanced workflow features	Not available			√
Input capacity (standard/maximum)	Up to 650/2300 sheets			
Printer stand	Optional			
Control panel	8" Color touchscreen		8" Color touchscreen and integrated keyboard	
Fax	Optional		√	
HP High-Performance Secure Hard Disk			√	
Dual-band Wi-Fi with Bluetooth® Low Energy, Wi-Fi Direct ⁵	Optional			√
ENERGY STAR® certified	√			

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

² An administrator must enable the easy-access USB port before use.

³ Dependent upon country setup specifications.

⁴ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

⁵ Mobile device needs to be connected directly to the signal of a Wi-Fi Direct supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance. For details, see hp.com/go/mobileprinting.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc



Top features

HP printers have the industry's strongest security² because they're always on guard, continually stopping threats while adapting to new ones. And only HP printers can automatically self-heal from attacks, so IT doesn't need to intervene.

Set up workgroups for success without adding more to your plate. Help teams thrive while allowing IT the control it needs to quickly handle business fleet-wide, using a streamlined MFP built for straightforward use and management.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 68 ipm⁷—and avoid extra steps with a Flow MFP designed for maximum productivity.

Business is all about resource management, and finding efficiencies is everyone's responsibility. HP LaserJet MFPs are designed with the environment in mind, so workgroups can complete tasks quickly while helping to conserve energy wherever possible.

Accessories

ZMU47A	HP Accessibility Assistant
ZNR09A	HP 2GB 144-Pin DDR3 TAA Version DIMM
ZNR12A	HP Removable Hard Drive Enclosure
ZTD64A	HP Accessibility Kit
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4CL32A	HP Legic Secure USB Reader
5EL03A	HP TAA Version Secure Hard Disk Drive
8FP31A	HP Jetdirect LAN Accessory
A7W12A	HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese
B5L28A	HP Internal USB Ports
B5L31A	HP Foreign Interface Harness
B5L34A	HP Color LaserJet 550-sheet Media Tray
B5L37A	HP Color LaserJet Printer Cabinet
B5L53A	HP LaserJet MFP Analog Fax Accessory 600
CC543B	HP SmartCard NIPRNet Solution for US Government
ESK48A	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
ESK49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
Q7432A	HP Staple Cartridge Pack
WSU23A	HP 200 ADF Roller Replacement Kit
X3D03A	HP Universal USB Proximity Card Reader

Supplies

B5L35A	HP Color LaserJet B5L35A 110V Fuser Kit (Approximately 150,000 pages)
B5L36A	HP Color LaserJet B5L36A 220V Fuser Kit (Approximately 150,000 pages)
B5L37A	HP Color LaserJet B5L37A Toner Collection Unit (Approximately 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 (Per cartridge: 4,500 pages)
W2121X	HP 212X High Yield Cyan Original LaserJet Toner Cartridge (Per cartridge: 10,000 pages)
W2122A	HP 212A Yellow Original LaserJet Toner Cartridge (Per cartridge: 4,500 pages)
W2122X	HP 212X High Yield Yellow Original LaserJet Toner Cartridge (Per cartridge: 10,000 pages)
W2123A	HP 212A Magenta Original LaserJet Toner Cartridge (Per cartridge: 4,500 pages)
W2123X	HP 212X High Yield Magenta Original LaserJet Toner Cartridge (Per cartridge: 10,000 pages)

Solutions

Overview: The HP Solutions portfolio provides a broad array of solutions designed to work with many HP printers and MFPs. They can help improve productivity, safeguard your data, and drive down costs. Helping employees and your IT team work more efficiently

Workflow: Enable direct access to digital content and workflows from the MFP control panel to streamline document-intensive processes and help improve user productivity.

Security: HP JetAdvantage Security Manager fleet security compliance and management; HP Access Control; HP JetAdvantage Secure Print; Card readers

Management: HP Web JetAdmin; HP JetAdvantage Security Manager; HP JetAdvantage Insights

Services

U8TH7E-HP 3y NBD CLJ M57x MFP SVC
U8TJ0E-HP 3y 4h 9x5 CLJ M57x MFP SVC
U8TJ5E-HP 5y 4h 13x5 CLJ M57x MFP SVC
U8TK1E-HP 5y NBD CTR CLJ M57x MFP SVC
U8TK4E-HP 5y NBDw/Max5 Maintenance Kit CLJM57x MFP SVC
U8TK7E-HP 5y 2nd BD CTR CLJ M57x MFP SVC
U8TJ2E-HP 5y 4h 9x5 CLJ M57x MFP SVC
U8TH9E-HP 5y NBD CLJ M57x MFP SVC
U8TK9PE-HP 2y PW NBD CLJ M57x MFP SVC
U8TLOPE-HP 1y PW 4h 9x5 CLJ M57x MFP SVC
U8TL1PE-HP 1y PW 4h 13x5 CLJ M57x MFP SVC
U8TL3PE-HP 1y PW 2nd BD CTR CLJ M57x MFP SVC
U8TL4PE-HP 1y PW NBD CTR CLJ M57x MFP SVC
UL623E-HP MKRCM3530/M575MFP/CP3525/M55x 110VSVC
UL622E-HP MKRCM3530/M575MFP/CP3525/M55x 220VSVC
U1W21E-HP MKR CLJM575/LJM525/OJ X585MFP ADF SVC
U9JT2E-HP Inst SVC w/nw Workgroup Printer

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³Third-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>

⁴Use of the HP Trusted Platform Module may require a firmware upgrade.

⁵HP Web JetAdmin is free and available for download at hp.com/go/webjetadmin

⁶Measured 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.

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⁸Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.

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¹¹HP Auto-On/Off Technology capabilities subject to printer and settings. May require a firmware upgrade.

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HP Color LaserJet Enterprise MFP M578 Printer series

Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise MFP M578f	HP Color LaserJet Enterprise Flow MFP M578c	HP Color LaserJet Enterprise Flow MFP M578z
Product number	7ZUJ85A	7ZUJ86A	7ZUJ87A	7ZUJ88A
AIO functions	Print, copy, scan, fax (optional)	Print, copy, scan, fax		
Print				
Print speed ^{6,7,5}	First page out Letter: As fast as 6.9 sec Black; As fast as 7.8 sec Color; First page out A4: As fast as 7.0 sec Black; As fast as 7.9 sec Color; Letter: Up to 40 ppm Black; Up to 40 ppm Color; A4: Up to 38 ppm Black; Up to 38 ppm Color; Print speed (Landscape, A5): Up to 59 ppm Black; Up to 59 ppm Color			
Print resolution	Black (best): HP ImageREt 3600; Black (normal): Up to 600 x 600 dpi; Black (fine lines): Up to 1200 x 1200 dpi Color (best): HP ImageREt 3600; Color (normal): Up to 600 x 600 dpi; Color (fine lines): Up to 1200 x 1200 dpi			
Print technology	Laser; Print resolution technology: HP ImageREt 3600, Pantone Calibrated			
Print cartridges number	4 (1 each black, cyan, magenta, yellow)			
Standard print languages	XPS, HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)			
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/Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 8" 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/Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 8" 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	Apple AirPrint™, Mopria-certified, HP ePrint, ROAM enabled for easy printing, Wi-Fi Direct Printing, Bluetooth® Low-Energy, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 8" 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
Printer management / HP SureSupply	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)			
Scan				
Scan type / Technology	Type: Flatbed, ADF (two-sided, single-pass); Technology: Contact Image Sensor (CIS); Twain version: Version 2.1			
Scan resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi			
Scan input modes	Front panel applications; Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXF) applications; HP Scan or user application via TWAIN			
Scan Size	ADF: 8.5 x 14 in Maximum; 4.1 x 5 in Minimum; Flatbed: 8.5 x 14 in			
Scan speed ¹⁰	Up to 45 ppm/45 ipm (b&w), up to 40 ppm/40 ipm (color) Letter; Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color) A4; Duplex: Up to 45 ipm (b&w), up to 40 ipm (color) Letter; Up to 43 ipm (b&w), up to 38 ipm (color) A4		Up to 48 ppm/68 ipm (b&w), up to 48 ppm/60 ipm (color) Letter; Up to 45 ppm/64 ipm (b&w), up to 45 ppm/58 ipm (color) A4; Duplex: Up to 68 ipm (b&w), up to 60 ipm (color) Letter; Up to 64 ipm (b&w), up to 58 ipm (color) A4	
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; PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		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; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone; Digital Send; PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB; PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB; PDF, PS, Print Ready files (.prn, .pcl, .cht)	
Bit depth / Grayscale levels	24-bit / 256			
Digital sending standard features	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 Color Sense; Auto Crop To Content; Compact PDF	Send to Sharepoint; Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; 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 E-mail; 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	
Copy				
Copy speed	Letter: Up to 40 cpm Black; Up to 40 cpm Color; A4: Up to 38 cpm Black; Up to 38 cpm Color; First copy out Letter: As fast as 5.6 sec Black; As fast as 8.7 sec Color; First copy out A4: As fast as 6.0 sec Black; As fast as 9.1sec Color; 2-sided Letter: Up to 40 cpm Black; Up to 40 cpm Color; 2-sided A4: Up to 38 cpm Black; Up to 38 cpm Color		Letter: Up to 40 cpm Black; Up to 40 cpm Color; A4: Up to 38 cpm Black; Up to 38 cpm Color; First copy out Letter: As fast as 5.8 sec Black; As fast as 8.7 sec Color; First copy out A4: As fast as 6.2 sec Black; As fast as 9.1sec Color; 2-sided Letter: Up to 40 cpm Black; Up to 40 cpm Color; 2-sided A4: Up to 38 cpm Black; Up to 38 cpm Color	
Copy resolution	Color (text and graphics): Up to 600 x 600 dpi			
Maximum Number of Copies	Up to 9999 copies			
Copier resize	25 to 400%			
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)			
Fax				
Fax speed	Up to 33.6 kbps / Letter: 3 sec per page			
Fax resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 204 x 98 dpi			
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			
Fax Features	Fax phone TAM interface supported: No; Telephone handset supported: No	Fax memory: Dependent on the amount of available disk space; Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax phone TAM interface supported: No; Fax polling supported: Yes (poll to receive only); Fax telephone mode supported: No; Junk barrier supported: Yes; Maximum speed dialing numbers: Up to 1000 numbers; PC interface supported: Yes; Remote retrieval capability supported: No; Telephone handset supported: No		
Connectivity				
Standard connectivity	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			Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Wireless 802.11b/g/n / 2.4 / 5 GHz Wi-Fi radio; Hardware Integration Pocket
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)			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 (standard)
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			Embedded Dual-band Station and Wi-Fi Direct Functionality
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam optional			HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing
Memory ⁴	Standard: 1.25 GB (printer), 512 MB (scanner); Maximum: 3.75 GB			
Processor speed	1.2 GHz / Storage: Standard, embedded 500 GB hard disk drive / Hard disk: 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); U.S. Government: Standard, FIPS 140-2 validated hard disk, minimum 500 GB			
Duty cycle (monthly)	Letter: Up to 80,000 pages; A4: Up to 80,000 pages; Recommended monthly page volume: 2000 to 10000			

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Product number	7ZU85A	7ZU86A	7ZU87A	7ZU88A
Paper handling	100-sheet multipurpose tray, 550-sheet input tray 2; Up to 650 sheets Standard; Up to 10 envelopes			
Input	100-sheet multipurpose tray, 550-sheet input tray 2; Up to 650 sheets Standard; Up to 10 envelopes			
Output	Standard: 250-sheet output bin; Up to 250 sheets Standard; Transparencies: Up to 100 sheets	Standard: 250-sheet output bin, convenience stapler; Up to 250 sheets Standard; Transparencies: Up to 100 sheets		
Duplex Options	Automatic (standard)			
Auto document feeder capacity	Standard, 100 sheets			
Envelope feeder	No			
Standard paper trays	2			
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined			
Media weight	Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Optional Trays 3+: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Automatic Duplexer: 16 to 43 lb			
Media sizes	Tray 1: letter, legal, oficio, executive, statement, 4 x 6, 3 x 5, 5 x 7, 5 x 8, postcard (US), double postcard (US), 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 (US); Custom: 4.0 x 5.85 to 8.5 x 11.69 in; Optional Trays 3+: letter, legal, oficio, executive, 8.5 x 13; Custom: 4.0 x 5.85 to 8.5 x 14 in			
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.69 in; Optional Trays 3+: 4.0 x 5.85 to 8.5 x 14 in			
Dimensions (w x d x h)	18.98 x 19.84 x 22.95 in; 482 x 504 x 583 mm; Maximum: 32.3 x 34 x 33 in; 820 x 863 x 837 mm			
Weight	84 lb; 38.1 kg	84.5 lb; 38.3 kg	85 lb; 38.6 kg	
What's in the box ¹	Printer; Four preinstalled HP LaserJet toner cartridges (yield ~5,500 pages black, ~3,500 pages cyan, magenta, yellow composite); Toner collection unit; In-box documentation; Power Cord	Printer; Four preinstalled HP LaserJet toner cartridges (yield ~5,500 pages black, ~3,500 pages cyan, magenta, yellow composite); Toner collection unit; In-box documentation; Power Cord; fax cable		
Replacement cartridges ²	HP 212A Black Original LaserJet Toner Cartridge (~5,500 pages) W2120A; HP 212A Cyan Original LaserJet Toner Cartridge (~4,500 pages) W2121A; HP 212A Magenta Original LaserJet Toner Cartridge (~4,500 pages) W2123A; HP 212A Yellow Original LaserJet Toner Cartridge (~4,500 pages) W2122A; HP 212X High Yield Black Original LaserJet Toner Cartridge (~13,000 pages) W2120X; HP 212X High Yield Cyan Original LaserJet Toner Cartridge (~10,000 pages) W2121X; HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages) W2123X; HP 212X High Yield Yellow Original LaserJet Toner Cartridge (~10,000 pages) W2122X			
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.			
Energy star certified	Yes			
Energy efficiency compliance ³	Blue Angel; EPEAT® Silver; CECP; ENERGY STAR® certified			
Control panel	8.0-in (20.3 cm) color touchscreen; adjustable angle display with gesturing; illuminated Home button (for quick return to the Home menu)	8.0-in (20.3 cm) color touchscreen; adjustable angle display with gesturing; illuminated Home button (for quick return to the Home menu) and integrated keyboard		
Display	8" color touchscreen			
Software included	No software solutions are included in the Box, only on http://hp.com , http://123.hp.com ;			
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			
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 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-, 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			
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 http://citrixready.citrix.com , Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix- For more information see http://hp.com/go/unixmodelscripts , Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix- For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix- For more information see 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			
Minimum system requirements	PC: 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com ; Mac: 2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com			
Power ⁹	Power supply type: Built-in 115V or 220V Power Supply; Power supply required: 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 consumption: 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); Typical electricity consumption (TEC) number: 1.555 kWh/Week (Blue Angel); 0.501 kWh/Week (Energy Star 3.0)			
Acoustics	Acoustic power emissions: 6.5 B(A) (printing at 38 ppm)			
Operating environment	Operating temperature range: 50 to 91°F; Recommended operating temperature: 59 to 80.6°F; Storage temperature range: -4 to 104°F; Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH			
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 & 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			

¹ Average black and color 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 M554, M555, and MFP / Flow MFP M578 in-box color cartridges may have higher yield than stated for printer units manufactured before 2021.

² Average black and color 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>

³ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

⁴ Maximum physical memory present is reported. Actual usable amount by firmware might be less.

⁵ 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.

⁶ 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.

⁷ 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.

⁸ 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.

⁹ Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

¹⁰ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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