eDatasheet
HP Color LaserJet Enterprise MFP M578dn (7ZU85A)

HP's mid-level Enterprise-class color MFP with speeds up to 40 ppm[6] 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.

The world's most secure printing[2]
The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.

Easy to use, simple to manage
HP FutureSmart firmware can be updated with the latest features[1] to optimize your investment for years to come.

Enhanced productivity to empower workgroups
Give workgroups what they need to succeed. Easily choose and deploy hundreds of HP and third-party solutions.

Specifications

Print Resolution Technologies	HP ImageREt 3600, Pantone Calibrated
Print quality black (best)	HP ImageREt 3600
Print quality color (best)	HP ImageREt 3600
Print speed black (ISO, A4)	Up to 38 ppm
Print speed black (ISO, letter)	Up to 40 ppm
Print Speed Color (ISO)	Up to 38 ppm
Print speed color (ISO)	Up to 40 ppm
Print speed	Print speed up to 40 ppm (black) and 40 ppm (color)
Functions	Print, copy, scan, fax (optional)
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 80,000 pages
Duty cycle (monthly, letter)	Up to 80,000 pages
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 8" touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
Scanner advanced features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Replacement cartridges	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 [2]
Supplies feature	HP JetIntelligence Cartridge
Connectivity, 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
Connectivity, optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
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)
Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Dual-band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam optional
Network protocols, supported	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
Software included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com;
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
Sustainable impact specifications	Mercury free
Energy star certified	Yes
Energy efficiency	Blue Angel; EPEAT® Silver; CECP; ENERGY STAR® certified

Blue Angel compliant	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies
Copy speed (black, normal quality, A4)	Up to 38 cpm
Copy speed (color, normal quality, A4)	Up to 38 cpm
Copy speed black (normal, letter)	Up to 40 cpm
Copy speed color (normal, letter)	Up to 40 cpm
Copy speed black duplex (A4)	Up to 38 cpm
Copy speed black duplex (Letter)	Up to 40 cpm
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
Digital sending optional features	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
Faxing	Optional
Scan speed (normal, A4)	Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 ipm (color)
Scan speed (normal, letter)	Up to 45 ppm/45 ipm (b&w), up to 40 ppm/40 ipm (color)
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 (OXP) applications; HP Scan or user application via TWAIN
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, ADF (two-sided, single-pass)
Display area (imperial)	6.37 x 4.78 in
Display area (metric)	16.2 x 12.1 cm
Display	8" color touchscreen
Minimum dimensions (W x D x H)	482 x 504 x 583 mm
Minimum dimensions (W x D x H)	18.98 x 19.84 x 22.95 in
Weight	38.1 kg _(With printer cartridges)_
Weight	84 lb _(With printer cartridges)_
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) _(Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or Blue Angel TEC values. Blue Angel uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device)_
Power supply type	Built-in 115V or 220V Power Supply
What's in the box	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[1]
Services (Care Pack)	U8TH7E-HP 3y NBD CLJ M57x MFP SVC; U8TJ0E-HP 3y 4h 9x5 CLJ M57x MFP SVC; U8TJ3E-HP 3y 4h 13x5 CLJ M57x MFP SVC; U8TJ4E-HP 4y 4h 13x5 CLJ M57x MFP SVC; U8TJ5E-HP 5y 4h 13x5 CLJ M57xMFP SVC; U8TJ6E-HP 3y China Parts Only CLJ M57x MFP SVC; U8TJ7E-HP 4y China Parts Only CLJ M57x MFP SVC; U8TJ8E-HP 5y China Parts Only CLJ M57x MFP SVC; U8TJ9E-HP 3y NBD CTR CLJ M57x MFP SVC; U8TK0E-HP 4y NBD CTR CLJ M57x MFP SVC; U8TK1E-HP 5y NBD CTR CLJ M57x MFP SVC; U8TK2E-HP 3y NBDw/Max3 Maintenance Kit CLJM57xMFP SVC; U8TK3E-HP 4y NBDw/Max4 Maintenance Kit CLJM57xMFP SVC; U8TK4E-HP 5y NBDw/Max5 Maintenance Kit CLJM57xMFP SVC; U8TK5E-HP 3y 2nd BD CTR CLJ M57x MFP SVC; U8TK6E-HP 4y 2nd BD CTR CLJ M57x MFP SVC; U8TK7E-HP 5y 2nd BD CTR CLJ M57x MFP SVC; U8TJ1E-HP 4y 4h 9x5 CLJ M57x MFP SVC; U8TJ2E-HP 5y 4h 9x5 CLJ M57x MFP SVC; U8TH8E-HP 4y NBD CLJ M57x MFP SVC; U8TH9E-HP 5y NBD CLJ M57x MFP SVC; U8TK8PE-HP 1y PW NBD CLJ M57x MFP SVC; U8TK9PE-HP 2y PW NBD CLJ M57x MFP SVC; U8TL0PE-HP 1y PW 4h 9x5 CLJ M57x MFP SVC; U8TL1PE-HP 1y PW 4h 13x5 CLJ M57x MFP SVC; U8TL2PE-HP 1y PW China Parts Only 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
Warranty	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.

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

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Messaging Footnotes

[1]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.

[2]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

[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.

Technical Specifications Footnotes

[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/learnaboutsupplies. 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://http://www.hp.com/go/toneryield