

HP Color LaserJet Managed MFP E785dn (5QJ83A)



Powerful. Flexible. Secure.

Change is the only constant in business. Advance your business with a printer that can be upgraded over time to expand capabilities. With HP's most secure printers [1] you'll stay secure and simplify fleet management for busy IT pros.



Unleash peak productivity.

Tackle anything with our powerful processor. Maximize your productivity and increase your overall print performance by copying, scanning and printing documents of all sizes at virtually full speed.

Customizable solutions built to last.

Make your day-to-day more productive with customized experiences with cloud-connected HP Workpath apps [4] that let you access personalized content, integrate paper and digital workflows.

Always on guard with HP Wolf Security. [5]

With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.

Specifications

Print Resolution Technologies	Fine lines (1200x1200dpi); Normal (600x600dpi); Quick view (300x300dpi)
Print speed black (ISO, A4)	Up to 23 ppm; Up to 28 ppm (with 8EP54AAE); Up to 30 ppm (with A00WQAAE, with A00WRAAE)
Print speed black (ISO, letter)	Up to 23 ppm; Up to 28 ppm (with 8EP54AAE); Up to 30 ppm (with A00WQAAE, with A00WRAAE)
Print Speed Color (ISO)	Up to 23 ppm; Up to 28 ppm (with 8EP54AAE); Up to 30 ppm (with A00WQAAE, with A00WRAAE)
Print speed color (ISO)	Up to 23 ppm; Up to 28 ppm (with 8EP54AAE); Up to 30 ppm (with A00WQAAE, with A00WRAAE)
Print speed	Print speed up to 23 ppm; Print speed up to 28 ppm (with 8EP54AAE); Print speed up to 30 ppm (with A00WQAAE, with A00WRAAE)
Functions	Print, copy, scan, fax (optional)
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 60,000 pages; Up to 80,000 pages (with 8EP54AAE); Up to 80,000 pages (with A00WQAAE, with A00WRAAE)
Duty cycle (monthly, letter)	Up to 60,000 pages; Up to 80,000 pages (with 8EP54AAE); Up to 80,000 pages (with A00WQAAE, with A00WRAAE)
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
Energy savings feature technology	Power save
Replacement cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 12,500) W9120MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 10,000) W9121MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 10,000) W9122MC, HP Magenta Managed LaserJet Toner Cartridge (ISO Yield 10,000) W9123MC, HP Black Managed LJ Toner Cartridge (ISO Yield 25,000) W9130MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 20,000) W9131MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 20,000) W9132MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 20,000) W9133MC ^[1]
Connectivity, standard	1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 SuperSpeed USB 3.0 (host)
Connectivity, optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Network capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet); Microsoft Universal Print (MUP) support
Wireless capability	Optional, enabled with purchase of a hardware accessory
Mobile printing capability	Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print
Network protocols, supported	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), AirPrint, SNMPv1/v2c/v3, HTTP, HTTPS, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, LLMNR, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; HP Web Services
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com
Compatible Operating Systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey
Technical features	ADF; Automatic two-sided printing; Color Touchscreen with Apps; ENERGY STAR®; Ethernet; Scan-to-cloud; Scan-to-email; Scan-to-folder
Sustainability specifications	Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Recyclable through HP Planet Partners; Compatible with Accessibility Accessories; Contains at least 10% post-consumer recycled plastic
Energy star certified	Yes
Ecolabels	IT ECO Declaration; Blue Angel; EPEAT® registered; ENERGY STAR® certified ^[7]
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy speed (black, normal quality, A4)	Up to 23 cpm; Up to 28 cpm (with 8EP54AAE); Up to 30 cpm (with A00WQAAE, with A00WRAAE)
Copy speed (color, normal quality, A4)	Up to 23 cpm; Up to 28 cpm (with 8EP54AAE); Up to 30 cpm (with A00WQAAE, with A00WRAAE)
Copy speed black (normal, letter)	Up to 23 cpm; Up to 28 cpm (with 8EP54AAE); Up to 30 cpm (with A00WQAAE, with A00WRAAE)
Copy speed color (normal, letter)	Up to 23 cpm; Up to 28 cpm (with 8EP54AAE); Up to 30 cpm (with A00WQAAE, with A00WRAAE)
Copy speed black duplex (A4)	Up to 16 cpm; Up to 21 cpm (with 8EP54AAE); Up to 21.5 cpm (with A00WQAAE, with A00WRAAE)
Copy speed black duplex (Letter)	Up to 16 cpm; Up to 21 cpm (with 8EP54AAE); Up to 21.5 cpm (with A00WQAAE, with A00WRAAE)
Digital sending standard features	Embedded OCR; Scan to Onedrive; Scan to Onedrive for Business; Scan to Sharepoint Online; Scan to Email; Scan to network folder; Scan to USB drive; Scan to SharePoint; Scan to FTP; Scan to sFTP; Scan to LAN fax; Scan to Internet Fax; Local address book; SMTP over SSL; Automatically detect color/monochrome; High compression PDF; Image adjustments (darkness, contrast, background cleanup, sharpness); Optimize text/picture (text, mixed, printed picture, photograph); Content orientation; Scan mode (book, 2-sided ID); Erase edges; Auto page crop; Job build; Image preview; Blank page suppression; Automatically straighten
Fax Resolution Black (best)	Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)
Faxing	Optional

Scan speed (normal, A4)	Up to 60 ppm/120 ipm (b&w), up to 60 ppm/120 ipm (color)
Scan speed (normal, letter)	Up to 60 ppm/120 ipm (b&w), up to 60 ppm/120 ipm (color)
Scan file format	JPEG; TIFF; MTIFF; XPS; PDF; PDF/A; High-Compression PDF; High-Compression PDF/A; Searchable PDF (OCR); Searchable PDF/A (OCR); High-Compression Searchable PDF (OCR); High-Compression Searchable PDF/A (OCR); CSV (OCR); HTML (OCR); Open Office XML (.docx, .xlsx, .pptx); RTF (OCR); TEXT (OCR); Unicode TEXT (OCR) ^[10]
Scan input modes	Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXP), HP Workpath applications
Scan technology	Contact Image Sensor (CIS)
Scanner type	ADF; Flatbed
Display area (imperial)	6.38 x 4.79 in
Display area (metric)	16.2 x 12.15 cm
Display	8-in (20.3 cm) touchscreen, XGA Color Graphic Display (CGD)
Dimensions (W x D x H)	566 x 646 x 848 mm
Dimensions (W x D x H)	22.3 x 25.4 x 33.4 in
Weight	77.8 kg ^[13] ([13] Excluding toner cartridge weight.)
Weight	171.5 lb ([13] Excluding toner cartridge weight.)
Power consumption	23ppm: 600 watts (23ppm printing), 27.0 watts (ready), 0.8 watts (sleep), 0.2 watts (auto-off), 0.2 watts (manual-off); 28ppm: 700 watts (28ppm, printing), 27.0 watts (ready), 0.8 watts (sleep), 0.2 watts (auto-off), 0.2 watts (manual-off); 30ppm: 750 watts (30ppm, Printing), 27.0 watts (ready), 0.8 watts (sleep), 0.2 watts (30ppm, auto-off), 0.2 watts (30ppm, manual-off) ^[12] ([12] 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. Power consumption values typically based on measurement of 115 V device.)
Power supply type	Internal (Built-in) power supply
What's in the box	In box materials, Guide install, Flyer Regulatory, Power Cords, Label, Drums.
Manufacturer Warranty	90 day parts only warranty. Warranty and support options vary by product, country and local legal requirements. Contact your contractual vendor or go to hp.com/support to learn about HP award winning service and support options in your region.

Top Recommended Displays, Accessories and Services

Smart Cards and SmartCard Readers

HP LaserJet Card Rotation Kit	91A06A
HP SmartCard NIPRNet Solution for US Government	CC543B
HP SmartCard SIPRNet Solution for US Government	F8B30A

Output Trays and Stackers

HP LaserJet Stapler/Stacker Finisher Staples	Y1G14A
HP LaserJet Inner Finisher	6GW49A
HP LaserJet Inner Finisher Swedish Hole Punch	155P9A
HP LaserJet Inner/Booklet Staples	Y1G13A
HP LaserJet Workgroup Job Separator	6GW52A

Copy/Scan Accessories

HP Color LaserJet Workgroup Aurora Purple Color Panel	190F0A
HP Color LaserJet Workgroup Comet Red Color Panel	190B0A
HP Color LaserJet Workgroup Constellation Yellow Color Panel	190D0A
HP Color LaserJet Workgroup Cosmic Green Color Panel	190C0A
HP Color LaserJet Workgroup Lunar Gray Color Panel	190A0A
HP LaserJet Workgroup 2x520 sheet Paper Tray/Stand Aurora Purple Color Panel	190F6A
HP LaserJet Workgroup 2x520 sheet Paper Tray/Stand Comet Red Color Panel	190B6A
HP LaserJet Workgroup 2x520 sheet Paper Tray/Stand Constellation Yellow Color Panel	190D6A
HP LaserJet Workgroup 2x520 sheet Paper Tray/Stand Cosmic Green Color Panel	190C6A
HP LaserJet Workgroup 2x520 sheet Paper Tray/Stand Lunar Gray Color Panel	190A6A
HP LaserJet Workgroup High Capacity Paper Tray/Stand Aurora Purple Color Panel	190F7A
HP LaserJet Workgroup High Capacity Paper Tray/Stand Comet Red Color Panel	190B7A
HP LaserJet Workgroup High Capacity Paper Tray/Stand Constellation Yellow Color Panel	190D7A
HP LaserJet Workgroup High Capacity Paper Tray/Stand Cosmic Green Color Panel	190C7A
HP LaserJet Workgroup High Capacity Paper Tray/Stand Lunar Gray Color Panel	190A7A
HP LaserJet Workgroup Stand Aurora Purple Color Panel	190F9A
HP LaserJet Workgroup Stand Comet Red Color Panel	190B9A
HP LaserJet Workgroup Stand Constellation Yellow Color Panel	190D9A
HP LaserJet Workgroup Stand Cosmic Green Color Panel	190C9A
HP LaserJet Workgroup Stand Lunar Gray Color Panel	190A9A

Binding Accessories

HP LaserJet InnerFinisher 2/3 Hole Punch	155P7A
HP LaserJet InnerFinisher 2/4 Hole Punch	155P8A

Fax Upgrades

HP MFP 800 Analog Single Fax	7ZA08A
HP MFP 801 Analog Single Fax	7ZA09A
HP MFP 810 Analog Dual Fax	5QK14A
HP MFP 811 Analog Dual Fax	7ZA07A

Printer Cables

HP Foreign Interface Harness	B5L31A
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Printer Accessibility Accessories

HP Accessibility Assistant	2MU47A
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Data Security Accessories

HP Removable Hard Drive Enclosure	2NR12A
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External Print Servers

HP Jetdirect 3100w BLE/NFC/Wireless Accessory	3JN69A
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Messaging Footnotes

[1] HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2021 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

[4] Based on HP review of competitive manufacturer's published app platform specifications as of April 2019. Only HP Workpath offers a combination of app validation upon submission plus automated re-validation of apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Subscription may be required.

[5] HP Security is now HP Wolf Security. Security features vary by platform, please see product data sheet for details.

Technical Specifications Footnotes

[1] Approximate average yield based on ISO/IEC 19798. Actual yield varies considerably based on content of printed pages and other factors. For details, see <http://www.hp.com/go/learnaboutsupplies>.

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

[10] For Scan software, we support: Windows (JPG, RAW(BMP), PDF, TIFF, PNG, RTF) and Mac (JPG, JPG-2000, TIFF, PNG, PDF, Searchable PDF, RTF, TXT). OCR requires HP FutureSmart 5.8.1.1 or later. Open Office XML and other editable OCR formats require optional HP Editable OCR license.

[12] 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. Power consumption values typically based on measurement of 115 V device.

[13] Excluding toner cartridge weight.

Learn more at

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

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