

## HP Color LaserJet Managed MFP E877dn

### HP Color LaserJet Managed MFP E877dn (5QK03A) All tech specs

Functions	Print, copy, scan, fax (optional)
Print speed black (ISO, A4)	Up to 40 ppm; Up to 50 ppm (with 8EP60AAE); Up to 60 ppm (with 8EP61AAE); Up to 70 ppm (with 8EP62AAE) <sup>1</sup>
Print Speed Color (ISO)	Up to 40 ppm; Up to 50 ppm (with 8EP60AAE); Up to 60 ppm (with 8EP61AAE); Up to 70 ppm (with 8EP62AAE) <sup>1</sup>
First page out black (letter, ready)	<sup>2</sup> ( <sup>3</sup> Measured using ISO/IEC 17629. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.)
First page out black (A4, ready)	As fast as 7.1 sec; As fast as 6.5 sec (with 8EP60AAE); As fast as 6.3 sec (with 8EP61AAE); As fast as 6.2 sec (with 8EP62AAE) <sup>2</sup> ( <sup>3</sup> Measured using ISO/IEC 17629. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.)
First page out color (letter, ready)	<sup>2</sup> ( <sup>3</sup> Measured using ISO/IEC 17629. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.)
First page out color	As fast as 8.3 sec; As fast as 7.4 sec (with 8EP60AAE); As fast as 7.0 sec (with 8EP61AAE); As fast as 6.9 sec (with 8EP62AAE) <sup>2</sup> ( <sup>3</sup> Measured using ISO/IEC 17629. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending

(A4, ready)	on the system configuration, software application, driver, and document complexity.)
Duplex printing	Automatic
Duty cycle (monthly, letter)	Up to 180,000 pages; Up to 200,000 pages (with 8EP60AAE); Up to 250,000 pages (with 8EP61AAE); Up to 300,000 pages (with 8EP62AAE)
Duty cycle (monthly, A4)	Up to 180,000 pages; Up to 200,000 pages (with 8EP60AAE); Up to 250,000 pages (with 8EP61AAE); Up to 300,000 pages (with 8EP62AAE)
Recommended monthly page volume	Up to 60,000
Print languages	HP PCL 5c, HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible
Print technology	Laser
Connectivity, standard	1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (host); 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host)
Connectivity, optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Mobile printing capability	Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print

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
Minimum System Requirements for Macintosh	2 GB available hard drive 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>
Minimum System Requirements	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>
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
Display	10.1-in (25.65 cm) touchscreen, WXGA Color Graphic Display (CGD)
Processor speed	Quad Core (1.6GHz), Dual Core (1.4GHz); SSD(766R7A): Optional, HP LaserJet 512 GB SED-TAA Solid State Drive
Maximum Memory	6GB

Memory	6GB
Internal Storage	Standard, HP LaserJet 500GB Hard Disk Drive; AES 256 hardware encryption; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)
Storage Capacity	Standard, embedded 500 GB hard disk drive 500 GB
Compatible Operating Systems	Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Chrome OS
Paper handling input, standard	100-sheet multi-purpose tray, 2 x 520-sheet input tray
Paper handling output, standard	500 sheet face-down output bin
Paper handling input, optional	Optional 1,040 sheet tray, optional 2,000 sheet tray, optional 3,000 sheet tray
Paper handling output, optional	Job Separator, Inner Finisher, Stapler-stacker, Booklet maker, 2/3 hole punch, 2/4 hole punch, Swedish hole punch
Finished output handling	Stacking; stapling; booklet making; hole punching (with optional output device)
Media types	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Heavy Glossy 111-130g, HP Matte 150g, HP Glossy 150g,

	Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Card-stock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Pre-punched, Colored
Media sizes supported	Tray 1: A3, A4, A4R, A5, A5R, A6, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS), B6 (JIS), 10x15cm, Oficio, 8K, 16k, Postcard (JIS), Postcard (JIS), Envelope B5, Envelope C5, Envelope C6, Envelope DL; Tray 2: A4, A4R, A5, A5R, A6, RA4, B4 (JIS), B5 (JIS), B6(JIS), Oficio, 8K, 16k, Envelope B5, Envelop C5, Envelope C6, Envelope DL; Tray 3: A3, A4, A4R, A5, RA3, RA4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k
Media sizes, custom	Tray 1: 98 x 139.7 to 320 x 457.2 mm; Tray 2: 98 x 139.7 to 241.5 x 297 mm; Tray 3: 140 x 182 to 320 x 457.2 mm
File Format Supported	Hi-Compression PDF; MTIFF; TIFF; PDF; PDF/A; XPS; JPEG
Scanner type	Flatbed, ADF
Scan file format	PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A ( 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.)
Enhanced scanning resolution	Up to 600 x 600 dpi
Scan resolution, optical	Up to 600 x 600 dpi

Scan resolution, hardware	Up to 600 x 600 dpi
Scan size (ADF), maximum	297 x 420 mm
Scan size (ADF), minimum	68 x 127 mm
Scan size, maximum	297 x 432 mm
Scan speed (normal, A4)	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) <sup>4</sup>
Scan speed duplex (normal, A4)	Up to 180 ipm (b&w), up to 180 ipm (color) <sup>4</sup>
Automatic document feeder capacity	Standard, 200 sheets
Duplex ADF scanning	Yes, single pass duplex scanning

Scan technology	Platen Scanner CCD Digital-CIS
Copy Speed Black (maximum, A4)	<sup>5 5</sup> First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <a href="http://hp.com/go/printer">hp.com/go/printer</a> claims. Exact speed varies depending on the system configuration and document.
Copy speed (black, normal quality, A4)	Up to 40cpm; Up to 50cpm (with 8EP60AAE); Up to 60cpm (with 8EP61AAE); Up to 70cpm (with 8EP62AAE) <sup>5</sup>
Copy speed (color, normal quality, A4)	Up to 40 cpm; Up to 50 cpm (with 8EP60AAE); Up to 60 cpm (with 8EP61AAE); Up to 70 cpm (with 8EP62AAE) <sup>5</sup>
Copy resolution (black text)	Up to 600 x 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi
Copies, maximum	Up to 9999 copies
Copy reduce /	25 to 400%

enlarge settings	Two-sided copying; automatically detect color/monochrome; reduce/enlarge; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation;
Copier settings	collate; booklet; scan mode (book, 2-sided ID); watermark; stamps; image overlay; erase edges; job build; image preview; image shift; paper selection; blank page suppression; automatically straighten; scan to job storage
Faxing	Optional
Fax Transmission Speed	33.6 kbps
Resolution Black (best)	Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)
Broadcast	210
Locations	
Fax memory	Up to 500 pages
Fax Speed	
Dials, Maximum Number	Up to 1000 numbers (each with 210 destinations)
Power consumption	820 watts (40ppm, printing), 890 watts (50ppm, printing), 1020 watts (60ppm, printing), 1100 watts (70ppm, printing), 41.5 watts (ready), 0.8 watts (sleep), 0.2 watts (auto-off), 0.2 watts (manual-off)



Power	Input voltage: 220 to 240VAC 50/60Hz
Operating	
humidity	20 to 80% RH
range	
Recommended	
operating	20 to 80% RH
humidity	
range	
Operating	
temperature	15 to 30°C
range	
Operating	
temperature	59 to 86°F
range	
Blue	
Angel	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP
compliance	supplies
Typical	
electricity	
consumption	0.496 kWh/week (Energy Star)
(TEC)	
number	
Energy	
savings	
feature	Power save
technology	

Ecolabels	IT ECO Declaration; Blue Angel; EPEAT® registered; ENERGY STAR® certified
Energy star certified	Yes
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013; IEC 62368-1:2018; EN 62368-1:2020+A11:2020 (EU); EN 60825-1:2014 / IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; EN 62471:2008 /IEC 62471:2006; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2014-10; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007 Other safety approvals as required by individual countries
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 authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP; EAP-TLS), SNMPv3, HTTPS, Certificates; Data: Storage Encryption, Encrypted PDF & Email, SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), HP Memory Shield™, Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
Security	HP Access Control; HP Security Manager; HP Advance; HP Secure Print and Insights

Dimensions (W x D x H)	585 x 694.7 x 907.7 mm
Maximum dimensions (W x D x H)	1656.7 x 1269 x 1488.5 mm
Weight	99.8 kg (excluding toner cartridge weight)
What's in the box	HP Color LaserJet Managed MFP E877dn Printer; In box materials; Guide install; Flyer Regulatory; Power Cords; Label; Drums
Cartridges/Bottle, Number	4 (1 each black, cyan, magenta, yellow)
Replacement cartridges	HP Black Managed LaserJet Toner Cartridge (ISO Yield 25,000) W9160MC; HP Cyan Managed LaserJet Toner Cartridge (ISO Yield 22,500) W9161MC; HP Yellow Managed LaserJet Toner Cartridge (ISO Yield 22,500) W9162MC; HP Magenta Managed LaserJet Toner Cartridge (ISO Yield 22,500) W9163MC; HP Black Managed LaserJet Toner Cartridge (ISO Yield 50,000) W9170MC; HP Cyan Managed LaserJet Toner Cartridge (ISO Yield 45,000) W9171MC; HP Yellow Managed LaserJet Toner Cartridge (ISO Yield 45,000) W9172MC; HP Magenta Managed LaserJet Toner Cartridge (ISO Yield 45,000) W9173MC <sup>3</sup> ( <sup>1</sup> Approximate average yield based on ISO/IEC 19798. Actual yield varies considerably based on content of printed pages and other factors. For details, see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> .)
Manufacturer Warranty	1 Year Parts Only. Extended 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.