

HP LaserJet Managed MFP E42540f - Specification

HP LaserJet Managed MFP E42540f (3PZ75A) All tech specs

Functions	Print, copy, scan, fax
Print speed black (ISO, letter)	Up to 40 ppm (default) ; Up to 42 ppm (HP High Speed Mode) ¹
Print speed black (ISO, A4)	Up to 38 ppm (default) ; Up to 40 ppm (HP High Speed Mode) ¹
First page out black (letter, ready)	As fast as 6.3 sec ² (² First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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, document complexity, media size, media orientation and media type.)
First page out black (A4, ready)	As fast as 6.5 sec ² (² First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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, document complexity, media size, media orientation and media type.)
First page out color (letter, ready)	² (² First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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, document complexity, media size, media orientation and media type.) ² (² First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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, document complexity, media size, media orientation and media type.)
First page out color (A4, ready)	
Duplex printing	Automatic (default)
Duty cycle (monthly, letter)	Up to 120,000 pages
Duty cycle (monthly, A4)	Up to 120,000 pages 1,500 to 7,500 pages (HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.)
Recommended monthly page volume	
Print quality black (best)	Up to 1200 x 1200 dpi HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Print languages	
Print technology	Laser
Connectivity, standard	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Connectivity, optional	

Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print ³
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (Optional); second Ethernet port (Optional); Microsoft Universal Print (MUP) support
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
Minimum System Requirements for Macintosh	2 GB available hard drive space Internet connection or USB port Internet browser. For additional OS hardware requirements see apple.com
Minimum System Requirements	2 GB available hard disk space Internet connection or USB port Internet browser. For additional OS hardware requirements see microsoft.com
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Scan-to-Sharepoint; 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; Scan to Onedrive; Scan to Onedrive for Business; Scan to Sharepoint Online
Display	4.3" diagonal Color TFT-LCD back-lit 480 RGB (H) x 272 (V)
Processor speed	800 MHz
Maximum Memory	2GB
Memory	2GB

Internal Storage Capacity	Not supported 16 GB eMMC
Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina
Paper handling input, standard	100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF)
Paper handling output, standard	150-sheet output bin
Paper handling input, optional	Optional third 550-sheet tray; All trays include fixed-size paper tray guides
Finished output handling	Sheet feed
Media types	Paper (plain, EcoEfficient, light, heavy, bond, colored, letterhead, preprinted, pre punched, recycled, rough); envelopes; labels 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; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm; Optional Tray 3: A4; RA4; A5; B5 (JIS); B6 (JIS); A6; 16K; 105 x 148 to 216 x 356 mm
Media sizes supported	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional Tray: 105 x 148 to 216 x 356 mm
Media sizes, custom	
File Format Supported	MTIFF; PDF; PDF/A; TIFF; JPEG; XPS
Scanner type	Flatbed, ADF
Enhanced scanning resolution	Up to 600 dpi
Scan resolution, optical	Up to 600 dpi
Scan resolution, hardware	Up to 600 x 600 dpi
Scan size (ADF), maximum	216 x 356 mm

Scan size (ADF), minimum	127 x 178 mm
Scan size, maximum	216 x 297 mm
Scan speed (normal, A4)	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/35 ipm (color) ⁴
Scan speed duplex (normal, A4)	Up to 46 ipm (b&w), up to 35 ipm (color) ⁴
Scan speed duplex (normal, letter)	Up to 49 ipm (b&w), up to 37 ipm (color) ⁴
Scan speed (normal, letter)	Up to 31 ppm/49 ipm (b&w), up to 21 ppm/37 ipm (color) ⁴
Automatic document feeder capacity	Standard, 50 sheets
Duplex ADF scanning	Yes, single pass duplex scanning
Scan technology	Contact Image Sensor (CIS)
Copy speed (black, normal quality, A4)	Up to 38 cpm
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 / enlarge settings	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)
Faxing	Yes
Fax transmission speed (letter)	3 sec per page
Fax Transmission Speed	33.6 kbps ³ (³ Based on standard ITU-T test image #1 at standard resolution. More complicated pages

	or higher resolution will take longer and use more memory.)
Fax Resolution Black (best)	Up to 300 x 300 dpi
Fax Broadcast Locations	0
Fax memory	Dependent on the amount of available disk space
Fax Speed Dials, Maximum Number	Up to 1000 numbers
Power consumption	525 watts (active printing), 10.1 watts (ready), 1.2 watts (sleep), 0.08 watts (auto-off/manual-on), 0.08 watts (manual off) (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	110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier)
Operating humidity range	10 to 90% RH
Recommended operating humidity range	30 to 70% RH
Operating temperature range	15 to 32.5°C
Operating temperature range	59 to 90.5°F
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies ⁵ (⁵ 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 value typically based on measurement of 115V device and 230V for Blue Angel.)

Typical electricity consumption (TEC) number	0.463 kWh/week (Energy Star 3.0) ⁶ (⁶ Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).)
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified (⁷ EPEAT®
Ecolabels	registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.)
Energy star certified	Yes IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; IEC 62471:2006 / EN 62471:2008; IEC 62368-1:2014; EN 62368-1:2014; 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. 2011-12; 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.
Safety	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, Kerberos authentication, Supports
Security management	

	<p>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), 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), Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs</p> <p>HP JetAdvantage Security Manager fleet security compliance and management; HP Access Control; HP JetAdvantage Secure Print; Card readers; Secure Encrypted Print (UPD)</p>
Security	
Dimensions (W x D x H)	420 x 390 x 323 mm
Maximum dimensions (W x D x H)	453 x 839 x 577 mm (printer fully opened)
Weight	13.01 kg (With Print Cartridge)
What's in the box	HP LaserJet Managed MFP E425540f printer; HP Black Original LaserJet Toner Cartridge (~3,000 pages); Fixed-Size Paper Tray Guides; Getting started Guide; 1 Power cord ⁸
Print Cartridges/Bottle, Number	1 (black)
Replacement cartridges	HP Black Managed Original LaserJet Toner Cartridge (~11,500 pages) W9024MC ⁹ (⁹ Declared yields based on ISO/IEC 19752 and

Manufacturer Warranty

continuous printing. Actual yields vary considerably based on images printed and other factors. For details see

<http://www.hp.com/go/toneryield>)

One-year, On-site Repair 24-hour / 7 day a week phone support