HP LaserJet Managed MFP E42540f

HP Managed MFPs and printers are optimized for managed environments. With increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

Easy to use, simple to manage

- HP FutureSmart firmware can be updated with the latest features[2] to optimize your investment for years to come.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.[3]
- Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.
- Set up this MFP fast, and easily manage device settings to help increase efficiency.

The world's most secure printing[1]

- The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.
- Common Criteria certified[4] 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.
- Safeguard data stored on this MFP—keys, passwords, certificates, and more—with the embedded HP Trusted Platform Module.[5]

Enhanced productivity to empower work teams

- Give workgroups what they need to succeed with hundreds of HP and third-party solutions and card reader support.
- Optimize workflows, reduce steps and errors, and support mobile workers with optional MFP apps that meet your specific business needs.
- Help ensure the security of confidential information with PIN/Pull printing to retrieve print jobs.
- Stay connected with an optional accessory for wireless,[6] Bluetooth® Low Energy, and NFC touch-to-print.
- Easily manage projects directly at the MFP with a customizable 4.3-inch (10.9 cm) color touchscreen.

Sustainability is smart business

- Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings.[7]
- Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business.[8]
- Save energy without sacrificing performance—this MFP is ENERGY STAR® and Blue Angel certified.
- Leverage HP End of Life Solutions to ensure your Hardware and Supplies are sustainably retired.

Product walkaround

Accessories, Supplies and Support

Supplies	**4WN07A** HP Everyday Business Paper, Glossy, 32 lb, 11 x 17 in. (279 x 432 mm), 150 sheets
	4WN08A HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets
	7MV81A HP Everyday Business Paper, Glossy, 120 g/m2, A3 (297 x 420 mm), 150 sheets
	7MV82A HP Everyday Business Paper, Glossy, 120 g/m2, A4 (210 x 297 mm), 150 sheets
Accessories	**3JN69A** HP Jetdirect 3100w BLE/NFC/Wireless Accessory
	4QL32A HP Legic Secure USB Reader
	8FP31A HP Jetdirect LAN Accessory
	8ZN00A HP HIP2 Card Reader Accessory Kit
	B5L31A HP Foreign Interface Harness
	D9P29A HP LaserJet Pro 550-sheet Feeder Tray
	X3D03A HP USB Universal Card Reader
	Y7C05A HP HIP2 Keystroke Reader
	W9024MC
Service and Support	**U11E1E** – HP 3y NBD LJ MNGD MFP E42540 SVC **U11E2E** – HP 4y NBD LJ MNGD MFP E42540 SVC **U11E3E** – HP 5y NBD LJ MNGD MFP E42540 SVC **U11E4E** – HP 3y 4h 9x5 LJ MNGD MFP E42540 SVC **U11E5E** – HP 4y 4h 9x5 LJ MNGD MFP E42540 SVC **U11E6E** – HP 5y 4h 9x5 LJ MNGD MFP E42540 SVC **U11E7E** – HP3yChnlPartsOnly LJ MNGD MFP E42540 SVC **U11E8E** – HP4yChnlPartsOnly LJ MNGD MFP E42540 SVC **U11E9E** – HP5yChnlPartsOnly LJ MNGD MFP E42540 SVC **U11F0PE** – HP 1y PW NBD LJ MNGD MFP E42540 SVC **U11F1PE** – HP 2y PW NBD LJ MNGD MFP E42540 SVC **U11F2PE** – HP 1y PW 4h 9x5 LJ MNGD MFP E42540 SVC **U11F3PE** – HP 2y PW 4h 9x5 LJ MNGD MFP E42540 SVC **U11F4PE** – HP1yPWChnlPartsOnly LJ MNGD MFPE42540SVC **U11F5PE** – HP2yPWChnlPartsOnly LJ MNGD MFPE42540SVC **U9JT3E** – HP Inst SVC w/nw Department Printer

Technical specifications

Model	HP LaserJet Managed MFP E42540f
Product number	3PZ75A
Functions	Print, copy, scan, fax
Control panel	4.3" Color Capacitive Touch Control Panel
Print	
Print technology	Laser
Print speed[8]	**Black (A4, normal):** Up to 38 ppm (default) ; Up to 40 ppm (HP High Speed Mode) ; **Black (A4, duplex):** Up to 31 ipm
First page out[9]	**Black (A4, ready):** As fast as 6.5 sec ; **Black (A4, sleep):** As fast as 8.8 sec
Print resolution	**Black (best):** Up to 1200 x 1200 dpi ; **Technology:** 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200
Monthly duty cycle	Up to 120,000 pages A4; **Recommended monthly page volume:** 1,500 to 7,500 pages
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
Standard print languages	HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
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
Print area	**Print margins** Top: 2 mm, Bottom: 2 mm, Left: 2 mm, Right: 2 mm; Maximum print area : 212 x 352 mm
Duplex printing	Automatic (default)
Copy	
Copy speed	**Black (A4):** Up to 38 cpm
Copier specifications	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); **Maximum number of copies:** Up to 9999 copies; **Reduce/Enlarge:** 25 to 400%
Scan	
Scan speed[12]	**Normal (A4):** Up to 29 ppm/46 ipm (b&w), up to 20 ppm/35 ipm (color) ;**Duplex (A4):** Up to 46 ipm (b&w), up to 35 ipm (color)
Scanner specifications	**Scanner type** Flatbed, ADF; **Scan technology:** Contact Image Sensor (CIS); **Twain version:** Version 2.1; **Duplex ADF scanning:** Yes, single pass duplex scanning; **Optical scan resolution:** Up to 600 dpi
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
Recommended monthly scan volume	900 to 4800
Scannable area	**Maximum media size (flatbed):** 216 x 297 mm ;**Minimum media size (ADF):** 127 x 178 mm **Maximum media size (ADF):** 216 x 356 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: 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
Fax	
Fax[5]	Yes, 33.6 kbps
Fax specifications	**Fax memory:** Dependent on the amount of available disk space; **Fax resolution:** Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 203 x 392 or 300 x 300 dpi; 256 levels of gray; **Quick dialing:** Up to 1000 numbers
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
Processor speed	800 MHz
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
Optional	HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Mobile printing capability[5]	HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); PrinterOn Print
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec (IKEv1 and IKEv2), Firewall, 802.1x
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).
Hard disk	Not supported
Memory	**Standard:** 2GB ;**Maximum:** [6] 2GB
Media handling	
Number of paper trays	**Standard:** 2 ;**Maximum:** 3
Media types	Paper (plain, EcoEfficient, light, heavy, bond, colored, letterhead, preprinted, pre punched, recycled, rough); envelopes; labels
Media size	**Custom (metric):** 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 **Supported (metric):** 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 **ADF:** letter; legal; oficio; executive; statement; A4; RA4; A5; B5; 5 x 7 in; 5 x 8 in
Media handling	**Standard input:** 100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF) **Standard output:** 150-sheet output bin
Media weight	Tray 1: 60 to 175 g/m²; tray 2, optional 550-sheet tray 3: 60 to 120 g/m²
Input capacity	**Tray 1:** Sheets: 100; Envelopes: 10 **Tray 2:** Sheets: 250 **Tray 3:** Sheets: 550 (optional) **Maximum:** Up to 10 envelopes **ADF:** Standard, 50 sheets
Output capacity	**Standard:** Up to 150 sheets Envelopes: Up to 10 envelopes **Maximum:** Up to 150 sheets
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
Compatible network operating systems	Windows 11; Windows Server; Linux; Citrix; UNIX; Novell
Minimum system requirements	**Windows:** 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
Software included	No software solutions are included in the Box only on http://hp.com or http://123.hp.com
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, 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), 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
Printer management	HP Printer Assistant, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum** 420 x 390 x 323 mm ; **Maximum:** 453 x 839 x 577 mm (printer fully opened)
Printer weight	13.01 kg
Operating environment	**Temperature:** 15 to 32.5°C **Humidity:** 30 to 70% RH
Storage conditions	**Temperature:** -20 to 40°C
Acoustics	**Acoustic power emissions:** 6.4 B(A) @ 38 ipm **Acoustic pressure emissions:** 54 dB(A) @ 38 ipm
Power	**Requirements:** 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); **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); **Typical Electricity Consumption (TEC)**[11]: 1.222 kWh/week (Blue Angel); 0.463 kWh/week (Energy Star 3.0); **Power supply type:** Internal (Built-in) power supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Certifications[4]	UL/cUL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI (Taiwan); Certificate of China Compulsory Product Certification - CCC (China); Bureau of Indian Standards - BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries. **Electromagnetic emission standard:** CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010 +A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, FCC CFR 47 Part 15 Class A, ICES-003, Issue 6 Class A. Other EMC approvals as required by individual countries. EPEAT® Silver; CECP; ENERGY STAR® certified **Telecom compliance:** Telecom Wired: FCC Rules and Regulations 47 CFR Part 68. ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.
Sustainable impact specifications	Mercury-free
Country of origin	Made in China
What's in the box[1]	3PZ75A 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
WarrantyHP Black Managed Original LaserJet Toner Cartridge (~11,500 pages)	One-year, On-site Repair 24-hour / 7 day a week phone support

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 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

[2] 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.

[3] HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin

[4] Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Managed and Enterprise 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

[5] Use of the HP Trusted Platform Module may require a firmware upgrade.

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

[7] Dependent upon country setup specifications.

[8] To 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

[9] 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 disclaimers

[1] For yield information on the cartridge included with your printer, see http://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[2] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/toneryield

[3] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit: http://www.hp.com/go/learnaboutsupplies

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

[5] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

[6] Memory not expandable on this product

[7] 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.

[8] 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.

[9] 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.

[10] 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.

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

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