HP Color LaserJet Enterprise Flow MFP X57945zs Printer series



Powerfully compact. Extraordinarily efficient.

Transform your workflows with advanced capabilities in a compact footprint. From print speeds to color panels, get flexible configurations to meet your needs today and tomorrow. All while protecting your business against evolving cyber threats.

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 $\ensuremath{\mathsf{HP}}$ chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds



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More than a printer, in a compact footprint

- Experience ultra-fast scanning speeds and ultimate productivity with HP Flow technology and 120 ipm¹ duplex scan technology.
- Fast print speeds of up to 45 PPM ² to help you get everything done faster.
- Save time by scanning once and sending to multiple destinations with customized shortcuts to eliminate steps and avoid misdirection.
- Enter data quickly, accurately and effortlessly with an 10.1-inch touch panel or optional physical keyboard³ on the printer.

Customizable and scalable solutions

- Get the functionality you need with input options to help optimize your device to meet your business needs and your budget.
- Make a statement and modernize your office with elegant designs and customizable color panels
- Choose storage options to handle data and documents stored on the device.

Fast and seamless digitization

- Customize your print experience with cloud-connected HP Workpath apps. Access personalized content and integrate paper and digital workflows.⁴
- Give your team the tools to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions, and card reader support.
- Make color management simple with HP Custom Color Manager. Match color output of any document-device combination by simply pulling color profiles from the cloud. Get high-quality color profiles without the hassle of expensive color matching systems. 10

Always on guard with HP Wolf Security

- With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.
- The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay connected and in the clear.
- Memory ShieldTM and expanded run-time intrusion detection protects memory and other applications. Common Criteria certified⁶ to continually monitor memory activity, detect and stop zero-day attacks in real time [known/unknown] and self-heal.
- Minimize exposure with whitelisting checks, firmware that is automatically checked during start-up to determine if it's authentic code – digitally signed by HP.

Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. Measured using standards found at:

http://standards.iso.org/lttf/PubliclyAvailableStandards/SC28_Test_Pages/

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.

Onto all MPPs may be compatible with Workpath apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Not all apps may be available in all locations. Subscription may be required. Personalized content and integration functions are applicable to supported HP Workpath apps only.

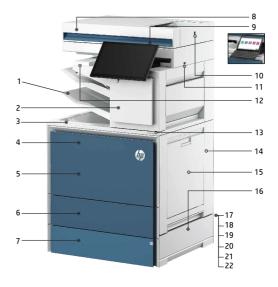
The security features to automatical sequences are approximate to approximate any approximate of the sequence of the sequence

information, visit: http://www.hp.com/go/printersecurityclaims
6 Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version
4,5.1 and later. For more information: https://www.common.criteriaportal.org/files/epfiles/Certification Report - HP Intrusion Detection.pdf
7 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.
8 HP Web Identifies for download at on additional charge at hp.com/golvja
10 Contact your HP or your Partner Representative to learn more about Custom Color Manager.

Product walkaround

- 1. 750-sheet multi-bin staple finisher
- 2. Staple cartridge access door
- 3. Automatic 2-sided printing
- 4. Front door access to process cartridges
- 5. HP High Performance Secure Hard Disk
- 6. Front door access to toner cartridges
- 7. 550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)
- 8. 100-sheet dual side Flow enabled ADF supports media sizes up to Legal (8.5x14 inch)
- 9. 10.1 inch color touchscreen display (25.6 cm) Optional QWERTY physical keyboard attaches only to 10.1 inch color touchscreen display
- 10. Long originals media sensor
- 11. Easy-access USB port²
- 12. Hardware Integration Pocket¹ (for connecting accessories and third-party devices)
- 13. Power button
- 14. Right door access to the print path
- 15. 100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)
- 16. Tray 2 jam access door
- 17. Slot for cable-type security lock⁵
- 18. SuperSpeed USB 3.0 Host Port⁵
- 19. Hi-Speed USB 2.0 Host Port⁵
- 20. Gigabit Ethernet Port⁵
- 21. SuperSpeed 3.0 device port⁵
- 22. (Optional OCR Accelerator Card)⁵

Series at a glance





Model	HP Color LaserJet Enterprise Flow MFP X57945zs Printer
Product Number	76H07A
Functions	Print, copy, and scan (fax and wireless optional) (all models)
Print speed (A4 and letter, black and color) ³	43/45 ppm (A4/letter)
Control panel	10.1 inch color touchscreen display
Scan speed ⁴	60/120 ipm (simplex/duplex)
Recommended Monthly Page Volume	Up to 15,000 pages per month
Input capacity	650/1,750 (std/max)
Output capacity (standard)	750-sheets
Processor	Tri-core 1.2 GHz
Flow solutions	Yes
Workpath enabled	Yes
Extensibility	HP FutureSmart 5, OXPd

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
2 An administrator must enable the easy-access USB port before use.
3 Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printer claims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
4 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
5 Additional items included on the back of the printer in the Input/Output Plate.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit; hp.com/go/cpc













HP MFP Analog Fax 702 Accessory HP Laser Jet Workflow Keyboard HP Laser Jet Workflow Accelerator Card HP Removable Hard Drive Enclosure 1M0Q0A 1M002A 1M0Q5A 2NR12A HP Removable Hard Drive Enclosure HP Accessibility Kit HP HID Mobile Access Mifare DES Fire Keystroking Reader HP Jetdirect 3100w BLE/NFC/Wireless Accessory HP Printing Voice Assistant HP Legic Secure USB Reader Internal USB Expansion Kit HP CLJ X579 Constellation Yellow Color Panel Kit HP CLJ X579 Comet Green Color Panel Kit HP CLJ X579 Comet Red Color Panel Kit HP CLJ X579 Comet Red Color Panel Kit HP CLJ X579 Comet Red Color Panel Kit HP CLJ X570 Lunar Gray Color Panel Kit HP CSO Sheet Paper Tray Constellation Yellow Panel Kit HP 550 Sheet Paper Tray Constellation Yellow Panel Kit HP 550 Sheet Paper Tray Constellation Yellow Panel Kit 2TD64A 35H11A 3JN69A 478C2A 4QL32A 4XN67A 630B7A 630B8A 630B9A 630C0A 630C1A 630C7A 630C8A 630C9A 630D0A 630D1A 630D7A 630D8A HP 550 Sheet Paper Tray Aurora Purple Panel Kit HP 550 Sheet Paper Tray Aurora Purple Panel Kit HP 550 Sheet Paper Tray Lunar Gray Panel Kit HP 550 Sheet Paper Tray Lunar Gray Panel Kit HP Storage Stand Constellation Yellow Panel Kit HP Storage Stand Cosmic Green Panel Kit 630D8A 630D9A 630F0A 630F1A 65A28A 65A29A 65A30A 65A31A 65A32A HP Storage Stand Aurora Purple Panel Kit HP Storage Stand Comet Red Panel Kit HP Storage Stand Lunar Gray Panel Kit HP Storage Stand Lunar Gray Panel Kit HP Color Laser Jet Constellation Yellow 550 sheet Paper Tray HP Color Laser Jet Cosmic Green 550 sheet Paper Tray HP Color Laser Jet Aurora Purple 550 sheet Paper Tray HP Color Laser Jet Comet Red 550 sheet Paper Tray HP Color Laser Jet Lunar Gray 550 sheet Paper Tray HP Color Laser Jet Constellation Yellow Storage Stand HP Color Laser Jet Cosmic Green Storage Stand HP Color Laser Jet Aurora Purple Storage Stand HP Color Laser Jet Aurora Purple Storage Stand 65A32A 65A38A 65A39A 65A40A 65A41A 65A42A HP Color LaserJet Comet Red Storage Stand HP Color LaserJet Cunar Gray Storage Stand HP Color LaserJet Stand HP Color LaserJet Storage Stand HP Color LaserJet Storage Stand HP Color LaserJet 550-sheet Media Tray 6QN54A 6QN55A 6QN57A 8FP31A 9EQ11A B5L31A X3D03A Y7C05A HP Jetdirect LAN Accessory HP 500GB CCC, FIPS Hard Disk Drive HP Foreign Interface Harness HP USB Universal Card Reader HP HIP2 Keystroke Reader

Solutions

Accessories

Overview: When it comes to business, the more cost-effective and efficient, the better. HP Document and Workflow Solutions can help improve productivity and drive down costs, enabling employees—and your IT team—to work more efficiently.

Workflow: HP Capture & Route: HP Workpath Apps: HP Intelligent Workflows Capture

Security: HP Access Control: HP Security Manager; HP Advance; HP Secure Print and Insights; HP card readers

Mobile and universal print: HP Universal Print Driver (UPD); HP Print for Chrome Extension; HP For Universal Print Workpath App

Management: HP Web JetAdmin; HP Security Manager; HP Insights; HP Smart Device Services (SDS); Embedded Web Server; HP Command Center; HP Advance

Services

U450VF bn 3 year Next Business Day with DMR Service for Color Laser let Enterprise MEP X579xx/X580xx

U45QWE hp 4 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U45QXE hp 5 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U45QYE hp 3 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx U450ZE hp 4 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U45R0E hp 5 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U45R5E hp 3 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx U45R6E hp 4 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U45R7E hp 5 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U45R8PE hp 1 year Post Warranty Next Business Day with DMR Service for Color LaserJet Ent MFP X579xx/X580xx

U45RBPE hp 1 year Post Warranty 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U45RGPE hp 1 year PW Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X579xx/X580xx

U9JT2E HP Installation Service with network configuration for Workgroup Printer

U34Y1E HP Print Carbon Neutral Certification Service

HP Color LaserJet Enterprise Flow MFP X57945zs Printer series

Model	HP Color Laser Jet Enterprise Flow MFP X57945zs Printer	
Product number	76H07A	
AIO functions	Print, copy, scan, fax (optional)	
Print		
Print speed ^{6,7,5}	First page out Letter: As fast as 6.8 sec Black; As fast as 7.6 sec Color; First page out A4: As fast as 6.9 sec Black; As fast as 7.7 sec Color; Letter: Up to 45 ppm Black; Up to 45 ppm Color; A4: Up to 43 ppm Black; Up to 43 ppm Color; Print speed (Landscape, A5): Up to 69 ppm Black; Up to 69 ppm Color	
Print resolution	Black (best) Up to 1,200 x 1,200 dpi; Black (normal) Up to 600 x 600 dpi; Black (fine lines) Up to 1200 x 1200 dpi Color (best): Up to 1200 x 1200 dpi; Color (normal): Up to 600 x 600 dpi; Color (fine lines): Up to 1200 x 1200 dpi	
Print technology	Laser; Print resolution technology: HP ImageREt 4800, Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)	
Print cartridges number	4 (1 each black, cyan, magenta, yellow)	
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)	
Printer smart software features	Apple AirPrint ¹⁹⁴ , 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 10.1 in (25.6 cm) touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview	
Printer management / HP SureSupply	HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center; HP Smart Device Services (SDS)/ %%Products.suresupplysupport%%	
Scan		
Scan type / Technology	Type: Flatbed; ADF; Technology: Contact Image Sensor (CIS); Twain version: Version 2.4	
Scan resolution	Hardware: Up to 600 x 600 dpi; Optical : Up to 600 x 600 dpi; Optical : Up to 600 x 600 dpi	
Scan file format	PDF; Hi-Compression PDF; PDFA; JPEG; TIFF; MTIFF; XPS	
Scan input modes	Front panel applications: Copy; E-Mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	
Scan Size	ADF: 8.5 x 34.0 in Maximum; 2.7 x 5 in Minimum; Flatbed: 8.5 x 14 in	
Scan speed ¹⁰	Up to 60 ppm/120 ipm (b8w), up to 60 ppm/120 ipm (color) Letter; Up to 56 ppm/112 ipm (b8w), up to 56 ppm/112 ipm (color) A4; Duplex : Up to 120 ipm (b8w), up to 120 ipm (color) Letter; Up to 112 ipm (b8w), up to 112 ipm (color) A4	
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; 11 For scan software (included in the box) we support; Windows [JPG, RW (BMP), PDF, TIFF, PNG, RTF] and Mac [JPG, JPG-2000, TIFF, PNG, PDF, Searchable PDF, RTF, TXT] JVG; PDF; MTIFF; TIFF; 11 For scan software (included in the box) we support; Windows [JPG, RAW (BMP), PDF, TIFF, PNG, PTF] and Mac [JPG, JPG-2000, TIFF, PNG, PDF, Searchable PDF, RTF, TXT] Value is confirmed For scan software (included in the box) we support; Windows [JPG, RAW (BMP), PDF, TIFF, PNG, PDF, Searchable PDF, RTF, TXT] Value is confirmed For scan software (included in the box) we support; Windows [JPG, RAW (BMP), PDF, TIFF, PNG, PDF, Searchable PDF, RTF, TXT]	
Bit depth / Grayscale levels	24-bit / 256	
Digital sending standard features	Scan to Email; scan to network folder; scan to USB drive; scan to SharePoint; scan to FTP; scan to FTP; 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; automaticin, runti-feed detection; reverse and retry; document editing; auto paper color removal; job separation (blank page, barroede); watermark; stamps	
Сору		
Copy speed	Letter: Up to 45 cpm Black; Up to 45 cpm Color; A4: Up to 43 cpm Black; Up to 45 cpm B	
Copy resolution	Color (text and graphics): Up to 600 x 600 dpi	
Maximum Number of Copies	Up to 9999 copies	
Copier resize	25 to 400%	
Copier settings	Book Copy; Booklet; Build Job; Collation; Color; Content orientation; Copy preview; Darkness control; Default Original Size; Edge Erase; Edge-to-Edge; ID Copy; Image adjustment; Job build; N or Z-ordering; Number of Copies; N-up; Original Size; Original Type; Paper Size; Paper Size; Paper Source; Paper type; Photo; Save Current Settings; Staple; Text; Text/Photo; Tray Selection; Two-sided copy; Ul Configuration; reduce/enlarge; Scan mode Book; Z-sided ID; Stamps; Image Deriver, Paper Size; Pap	
Fax		
Fax speed	Up to (Up to 33.6 kbps (with optional analog fax accessory) / Letter:3 sec per page	
Fax resolution	Black (best): Up to 300 x 300 dpi; Black (standard): 200 x 100 dpi	
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	
Fax Features	Fax memory. Up to 1000 pages; Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes (with optional analog fax accessory): Fax phone TAM interface supported: No; Fax polling supported: Yes (poll to receive only): Fax telephone mode supported: No; Junk barrier supported: Yes, No; Fax polling supported: Yes (with optional analog fax accessory): Telephone handset supported: No; Fax polling supported: Yes, Remote retrieval capability supported: Yes (with optional analog fax accessory): Telephone handset supported: No; Fax polling supported: Yes, Remote retrieval capability supported: No; Fax polling supported: No; Fax pol	
Connectivity		
Standard connectivity	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 (device); 1 SuperSpeed USB 3.0 (host)	
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); 802.11b/g/n wireless networking (optional)	
Mobile printing capability	HP ePrint; Apple Air Print!**; NFC Touch-to-print (optional); Roam optional	
Memory	Standard: 6 GB; Maximum: 6 GB	
Processor speed	1.2 GHz	
Storage	500 GB hard disk drive Hard disk: Standard, minimum 500 GB HDD; Optional, 256 GB SSD	

HP Color LaserJet Enterprise Flow MFP X57945zs Printer series

Model	HP Color LaserJet Enterprise Flow MFP X57945zs Printer	
Product number	76H07A	
Paper handling		
Input	550-sheet input tray, 100-sheet multi-purpose tray; Up to 650 sheets Standard; Up to 10 envelopes	
Output	Standard: 250-sheet output tray, 500-sheet output stapler stacker; Up to 750 sheets Standard	
Duplex Options	Automatic	
Auto document feeder capacity	Standard, 100 sheets; Duplex ADF scanning: Yes	
Standard paper trays	Standard: 2; Maximum: up to 4	
Media types	Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted prepunched, colored, rough, opaque film, user-defined	
Media weight	Tray 1: 16 to 58 lb (plain), 32 to 58 lb (glossy); Tray 2: 16 to 58 lb (plain), 32 to 58 lb (glossy); Tray 2: 16 to 58 lb (plain), 32 to 58 lb (glossy)	
Media sizes	Tray 1: letter, legal, executive, statement, Officio, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelopes (No. 9, No. 10, Monarch); Tray 2, optional 1x550-sheet feeders: letter, legal, executive, statement, Officio, 4 x 6 in, 5 x 7 in, 5 x 8 in	
Media Sizes Custom	Tray 1: 2.52 x 5 to 8.5 x 47.24 in; Tray 2, optional 1x550-sheet feeders: 4 x 5.83 to 8.5 x 14 in	
Dimensions (W x D x H) ¹²	19.7 x 18.7 x 35.2 in; 500 x 476 x 894 mm; Maximum : 34.8 x 32.5 x 44.8 in; 885 x 826 x 1139 mm	
Weight	132.2 lb; 60.1 kg	
What's in the box	HP Color Laser Jet Single-Tunction Printer; HP Black Managed Original Laser Jet Toner Cartridge (~9,000 yield), HP Cyan, Magenta and Yellow Managed Original Laser Jet Toner Cartridges (~5,000 yield each) (toner cartridges installed); HP Black, Cyan, Magenta and Yellow Managed Original Laser Jet Imaging Drums (~150,000 pages); Documentation (Hardware Install Guide); Power cord; Tray Lock Kit (Paper-size cassette locks, paper tray interface screws, Pcartridge door access control screws)	
Replacement cartridges	W9250MC HP W9250MC Black Managed Original LaserJet Toner Cartridge (~18,000 pages); W9252MC HP W9252MC Yellow Managed Original LaserJet Toner Cartridge (~18,000 pages); W9252MC HP W9253MC Magenta Managed Original LaserJet Toner Cartridge (~18,000 pages); W9280MC Black Managed Original LaserJet Imaging Drum (~150,000 pages); W9281MC HP W9280MC Black Managed Original LaserJet Imaging Drum (~150,000 pages); W9281MC Yellow Managed Original LaserJet Imaging Drum (~150,000 pages); W9283MC HP W9283MC Magenta Managed Original LaserJet Imaging Drum (~150,000 pages); W9283MC Magenta Managed Original LaserJet Imaging Drum (~150,000 pages)	
Orderable supplies	HP W9280MC Black Managed Original LaserJet Imaging Drum (~150,000 pages); HP W9281MC Cyan Managed Original LaserJet Imaging Drum (~150,000 pages); HP W9283MC Magenta Managed Original LaserJet Imaging Drum (~150,000 pages); HP LaserJet Toper Collection Unit 527F9A; HP LaserJet 110V Fuser Kit 527G6A; HP LaserJet 220V Fuser Kit 527G6A; HP LaserJet 75G1A; HP LaserJet 110V Fuser Kit 527G9A; HP LaserJet 75G1A; HP L	
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to https://www.hp.com/support to learn about HP award winning service and support options in your region.	
Energy star certified	Yes	
Energy efficiency compliance ¹	CECP; IT ECO Declaration; Blue Angel; SEPA; EPEAT® Gold registered; KOECO	
Control panel	10.1 in (25.6 cm) touchscreen with color graphics	
Display	10.1 in (25.6 cm) Color Graphic Display (CGD) with touchscreen; rotating (adjustable angle)	
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com;	
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 WorldType); 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	
Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catallina; SAP; Linux	
Compatible network operating systems	Citrix; Linux; Novell; UNIX; Windows Server	
Minimum system requirements	PC: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;	
Power	Power supply type: Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier); Power supply required: Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/-3Hz), 6 A; Power consumption: 655 waits (Printing/Copying), 50.1 waits (Ready), 0.9 waits (Sleep), 0.09 waits (Manual Off); Typical electricity consumption (TEC) number: 0.552 kWh/week (Energy Star 3.0); 0.551 kWh/week (Blue Angel)	
Acoustics	Acoustic power emissions: 6.3 B(A)	
Operating environment	Operating temperature range: 50 to 91°F; Recommended operating temperature: 59 to 80.6°F; Storage temperature range: -4 to 104°F; Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH	
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; and Kerberos authentication; Supports WIA-10 IPsec configuration Plug-in; 802. 1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (luses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Hardware-based Memory ShieldTM with Control Flow Integrity (CFI) in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs,); Security management: Compatible with Device Security Syslog Messages processed and accessable in Arcsight and Splunk SIEMs	

Data sheet | HP Color LaserJet Enterprise Flow MFP X57945zs Printer series

- 1 EPEAT® registered where applicable. EPEAT registration varies by country. See https://www.epeat.net for registration status by country.
 2 For yield information on the cartridge(s) included with your printer, see https://www.hp.com/go/toneryield. Vield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield
 3 Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield
 4 Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
 5 Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

- 6 Measured using ISO/IEC 24734, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

 7 Measured using ISO/IEC 17629. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

 8 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

- Anyel.

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

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

 11 For scan software (included in the box) we support; Windows [JPG, RAW (BMP), PDF, TIFF, PNG, RTF] and Mac [JPG, JPG-2000, TIFF, PNG, PDF, Searchable PDF, RTF, TXT]

 12 Maximum dimensions means doors, paper trays, and ADF (if applicable) are fully open.

