Datasheet | NA

HP Color LaserJet Enterprise MFP X57945dn Printer series

Powerfully compact. Extraordinarily efficient.

Transform your workflows with advanced capabilities in a compact footprint. From print speeds to color panels,[8] 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 HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

HP Color LaserJet Enterprise MFP X57945dn Printer

More than a printer, in a compact footprint

- Experience fast scanning speeds and ultimate productivity with 100 ipm[1] duplex scan technology.
- Fast print speeds of up to 45 PPM [2] to help you get everything done faster.
- Easily enable workflows with a consistent user experience and intuitive, tablet-like icons on the 8-inch color touchscreen display.
- Maximize your productivity and increase print performance with HP's powerful tri-core processor for copying, scanning, and printing.

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.[8]
- 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 .[9]

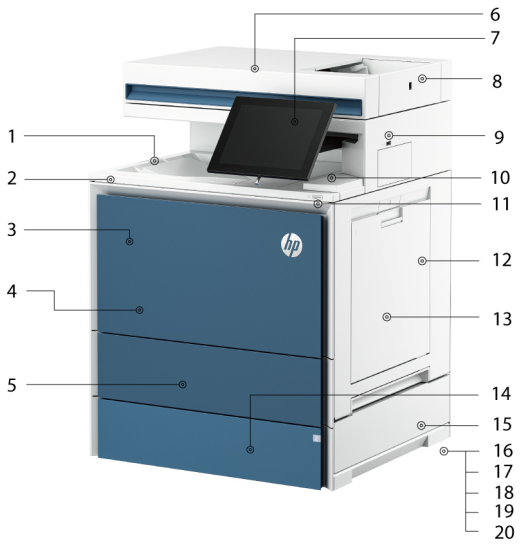
Always on guard with HP Wolf Security

- With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.
- HP Connection Inspector examines network connections. The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay
- Memory ShieldTM and expanded run-time intrusion detection protects memory and other applications. Common Criteria certified[6] 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.

[1] 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/ittf/PubliclyAvailableStandards/SC28_Test_Pages/
[2] 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.
[3] 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.
[4] Not all MFPs 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.
[5] 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 2022 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: 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.commoncriteriaportal.org/files/epfiles/Certification Report - HP Intrusion Detection.pdf
[7] HP Web Jetadmin is available for download at no additional charge at hp.com/go/wja
[8] This product comes with Atmosphere Blue (standard) panels. Panels in other colors (Constellation Yellow, Comet Red, Aurora Purple, Lunar Grey, Cosmic Green) are only available transactionally via HP Configure to Order, or contractually via Managed Print Services. Models offered in China have Lunar Grey (standard) instead of Atmosphere Blue. Please contact your HP or partner representative to learn more about customizable color panels.
[9] Contact your HP or your Partner Representative to learn more about Custom Color Manager.

Product walkaround

1. 250-sheet output bin supports media sizes up to Legal (8.5x14 inch)
2. Automatic 2-sided printing
3. Front door access to process cartridges
4. HP High-Performance Secure Hard Disk
5. Front door access to toner cartridges
6. 100-sheet dual side Flow enabled ADF supports media sizes up to Legal (8.5x14 inch)
7. 8 inch color touchscreen display
8. Long originals media sensor
9. Easy-access USB port[2]
10. Hardware Integration Pocket[1] (for connecting accessories and third-party devices)
11. Power button
12. Right door access to the print path
13. 100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)
14. 550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)
15. Tray 2 jam access doors
16. Slot for cable-type security lock[5]
17. SuperSpeed USB 3.0 Host Port[5]
18. Hi-Speed USB 2.0 Host Port[5]
19. Gigabit Ethernet Port[5]
20. SuperSpeed 3.0 device port[5]
21. (Optional OCR Accelerator Card)[5]



Series at a glance

Model	HP Color LaserJet Enterprise MFP X57945dn Printer
Product Number	6QP98A
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	8 inch color touchscreen display
Scan speed[4]	50/100 ipm (simplex/duplex)
Recommended Monthly Page Volume	Up to 15,000 pages per month
Input capacity	650/2,300 (std/max)
Output capacity (standard)	250-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

Accessories

1M0Q0A	HP MFP Analog Fax 702 Accessory
2NR12A	HP Removable Hard Drive Enclosure
2TD64A	HP Accessibility Kit
35H11A	HP HID Mobile Access Mifare DES Fire Keystroking Reader
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
478C2A	HP Printing Voice Assistant
4QL32A	HP Legic Secure USB Reader
4XN67A	Internal USB Expansion Kit
630B7A	HP CLJ X579 Constellation Yellow Color Panel Kit
630B8A	HP CLJ X579 Cosmic Green Color Panel Kit
630B9A	HP CLJ X579 Aurora Purple Color Panel Kit
630C0A	HP CLJ X579 Comet Red Color Panel Kit
630C1A	HP CLJ X579 Lunar Gray Color Panel Kit
630C7A	HP 550 Sheet Paper Tray Constellaiton Yellow Panel Kit
630C8A	HP 550 Sheet Paper Tray Cosmic Green Panel Kit
630C9A	HP 550 Sheet Paper Tray Aurora Purple Panel Kit
630D0A	HP 550 Sheet Paper Tray Comet Red Panel Kit
630D1A	HP 550 Sheet Paper Tray Lunar Gray Panel Kit
630D7A	HP Storage Stand Constellation Yellow Panel Kit
630D8A	HP Storage Stand Cosmic Green Panel Kit
630D9A	HP Storage Stand Aurora Purple Panel Kit
630F0A	HP Storage Stand Comet Red Panel Kit
630F1A	HP Storage Stand Lunar Gray Panel Kit
65A28A	HP Color LaserJet Constellation Yellow 550 sheet Paper Tray
65A29A	HP Color LaserJet Cosmic Green 550 sheet Paper Tray
65A30A	HP Color LaserJet Aurora Purple 550 sheet Paper Tray
65A31A	HP Color LaserJet Comet Red 550 sheet Paper Tray
65A32A	HP Color LaserJet Lunar Gray 550 sheet Paper Tray
65A38A	HP Color LaserJet Constellation Yellow Storage Stand
65A39A	HP Color LaserJet Cosmic Green Storage Stand
65A40A	HP Color LaserJet Aurora Purple Storage Stand
65A41A	HP Color LaserJet Comet Red Storage Stand
65A42A	HP Color LaserJet Lunar Gray Storage Stand
6QN54A	HP Color LaserJet Stand
6QN55A	HP Color LaserJet Storage Stand
6QN57A	HP Color LaserJet 550-sheet Media Tray
766R7A	HP LaserJet 512 GB SED-TAA Full Kit SSD
8FP31A	HP Jetdirect LAN Accessory
9EQ11A	HP 500GB CCC, FIPS Hard Disk Drive
B5L31A	HP Foreign Interface Harness
CC543B	HP SmartCard NIPRNet Solution for US Government
F8B30A	HP SmartCard SIPRNet Solution for US Government
X3D03A	HP USB Universal Card Reader
Y7C05A	HP HIP2 Keystroke Reader

Solutions

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 card readers; HP Secure Print and Insights

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

U45QVE hp 3 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP 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

U45QZE 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

HP Color LaserJet Enterprise MFP X57945dn Printer series

Model	**HP Color LaserJet Enterprise MFP X57945dn Printer**
Product number	6QP98A
AIO functions	Print, copy, scan, fax (optional)
Print	
Print speed[6,7,5]	**First page out Letter:** As fast as 6.7 sec Black; As fast as 7.4 sec Color; **First page out A4:** As fast as 7.2 sec Black; As fast as 7.9 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 1200 x 1200 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 toner cartridges (1 each for black, cyan, magenta, yellow); 4 drum units (1 each for 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	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB, HP Easy Color
Printer management	HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center; HP Smart Device Services (SDS)
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 dpi
Scan file format	PDF; Hi-Compression PDF; PDFA; JPEG; TIFF; MTIFF; XPS
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 Work Path
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 50 ppm/100 ipm (b&w), up to 50 ppm/100 ipm (color) Letter; Up to 47 ppm/94 ipm (b&w), up to 47 ppm/94 ipm (color) A4; **Duplex:** Up to 100 ipm (b&w), up to 100 ipm (color) Letter; Up to 94 ipm (b&w), up to 94 ipm (color) A4
Scanner advanced features [11]	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; JPG; MTIFF; PDF; TIFF; 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)
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 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
Copy	
Copy speed	**Letter:** Up to 45 cpm Black; Up to 45 cpm Color; **A4:** Up to 43 cpm Black; Up to 43 cpm Color; **First copy out Letter:** As fast as 5.4 sec Black; As fast as 8.5 sec Color; **First copy out A4:** As fast as 5.5 sec Black; As fast as 8.6 sec Color; **2-sided Letter:** Up to 45 ipm Black; Up to 45 ipm Color; **2-sided A4:** Up to 43 ipm Black; Up to 43 ipm Color
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 Source; Paper type; Photo; Save Current Settings; Text; Text/Photo; Tray Selection; Two-sided copy; Watermark; reduce/enlarge; Scan mode (book, 2-sided ID); Stamps; Image overlay; Image shift; Image preview; Paper selection; Scan to job storage; Automatically strainghten; Automatically detect color/monochrome
Fax	
Fax speed[4]	**Up to:**Up to 33.6 kbps / **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, up to 30 numbers may be blocked; **Maximum speed dialing numbers:** Up to 1000 numbers; **PC interface supported:** Yes; **Remote retrieval capability supported:** No; **Telephone handset supported:** No
Connectivity	
Standard connectivity	1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2)
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard); 802.11a/b/g/n wireless networking (optional)
Memory	**Standard:** 6 GB; **Maximum:** 6 GB
Processor speed	1.2 GHz
Storage	16 GB encrypted eMMC (located on formatter board for stored jobs and solutions); 16 GB eMMC (located on engine main board for copy/scan functions) **Hard disk:** Standard, 32 GB eMMC; Optional, minimum 500 GB HDD; Optional, 256 GB SSD (via CTO)
Duty cycle (monthly)	**Letter:** Up to 120,000 pages; **A4:** Up to 120,000 pages; **Recommended monthly page volume:** 2000 to 15,000

HP Color LaserJet Enterprise MFP X57945dn Printer series

Model	**HP Color LaserJet Enterprise MFP X57945dn Printer**
Product number	6QP98A
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 bin; Up to 250 sheets Standard
Duplex Options	Automatic
Auto document feeder capacity	Standard, 100 sheets; **Duplex ADF scanning:** Yes
Standard paper trays	**Standard:** 2; **Maximum:** Up to 5
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); optional 550-sheet input trays: 16 to 58 lb (plain), 32 to 58 lb (glossy)
Media sizes	Tray 1: letter, legal, executive, statement, Oficio, 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, Oficio, 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 18.1 x 27.7 in; 500 x 460 x 703 mm; **Maximum:** 34.8 x 31. 9 x 37.3 in; 885 x 810 x 948 mm
Weight	~101.86 lb; ~46.3 kg
What's in the box[1]	HP Color LaserJet Multifunction Printer; HP Black Managed Original LaserJet Toner Cartridge (~9,000 yield), HP Cyan, Magenta and Yellow Managed Original LaserJet Toner Cartridges (~5,000 yield each) (toner cartridges installed); HP Black, Cyan, Magenta and Yellow Managed Original LaserJet Imaging Drums (~150,000 pages); Documentation (Hardware Install Guide); Power cord; Tray Lock Kit (Paper-size cassette locks, paper tray interface screws, P-cartridge door access control screws)
Replacement cartridges[2]	W9250MC HP W9250MC Black Managed Original LaserJet Toner Cartridge (~25,000 pages); W9251MC HP W9251MC Cyan Managed Original LaserJet Toner Cartridge (~18,000 pages); W9252MC HP W9252MC Yellow Managed Original LaserJet Toner Cartridge (~18,000 pages); W9253MC HP W9253MC Magenta Managed Original LaserJet Toner Cartridge (~18,000 pages); W9280MC HP W9280MC Black Managed Original LaserJet Imaging Drum (~150,000 pages); W9281MC HP W9281MC Cyan Managed Original LaserJet Imaging Drum (~150,000 pages); W9282MC HP W9282MC Yellow Managed Original LaserJet Imaging Drum (~150,000 pages); W9283MC HP 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 W9282MC Yellow Managed Original LaserJet Imaging Drum (~150,000 pages); HP W9283MC Magenta Managed Original LaserJet Imaging Drum (~150,000 pages); HP LaserJet Toner Collection Unit 527F9A; HP LaserJet 110V Fuser Kit 527G0A; HP LaserJet 220V Fuser Kit 527G1A; HP LaserJet 110V Enhanced Fuser Kit 527G6A; HP LaserJet 220V Enhanced Fuser Kit 527G7A; HP LaserJet Image Transfer Belt 527G8A; HP LaserJet Image Transfer Belt Kit 527G9A; HP LaserJet Tray 2 Roller Kit 527H2A; HP LaserJet MP Tray Roller Kit 527H3A; HP LaserJet ADF Maintenance Kit 6H121A
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
Energy star certified	Yes
Energy efficiency compliance[3]	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold registered; SEPA; KOECO; ENERGY STAR® certified
Control panel	8.0 in (20.3 cm) touchscreen with color graphics
Display	8.0 in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display
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 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
Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 10.14 Mojave; macOS 11 Big Sur; macOS 12 Monterey; Linux; Chrome OS
Compatible network operating systems	Windows Server; SAP; Novell; UNIX; Citrix; Linux
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[9]	**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), 12 A; Input voltage: 220 V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A; **Power consumption:** 655 watts (Printing/Copying), 50.1 watts (Ready), 0.9 watts (Sleep), 0.09 watts (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 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); 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 accessible in Arcsight and Splunk SIEMs

[1] For yield information on the cartridge(s) included with your printer, see http://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.
[2] 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
[3] EPEAT® registered where applicable. EPEAT registration varies by country. See https://www.epeat.net for registration status by country.
[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 Angel.
[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, 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.

To learn more, visit hp.com

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