



HP Color LaserJet Enterprise X55745dn 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 HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>



HP Color LaserJet Enterprise X55745dn Printer

More than a printer, in a compact footprint

- Get peak performance with scalable configurations delivering maximum productivity for robust printing needs.
- Fast print speeds of up to 45 PPM¹ to help you get everything done faster.
- Maintain productivity and stay up-to-date on the latest features across your fleet with upgradeable HP FutureSmart firmware.²
- Take control of your printing environment with HP Web Jetadmin³ to help manage your fleet and build consistent print experiences.

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.⁸

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 Shield™ 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.

¹ 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.

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 available for download at no additional charge at hp.com/go/vja

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.

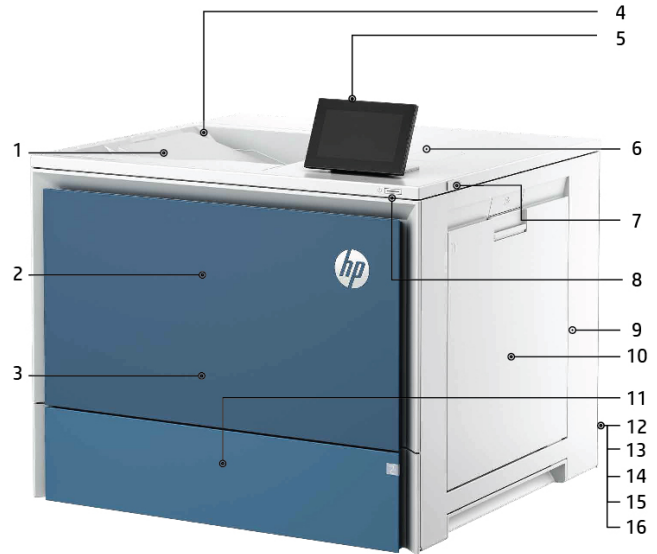
⁵ HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2022 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, 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/CertificationReport-HPIntrusionDetection.pdf>

⁸ Contact your HP or your Partner Representative to learn more about Custom Color Manager.

Product walkaround

1. Automatic 2-sided printing
2. HP eMMC storage
3. Front door access to All-in-One toner cartridges
4. 250-sheet output bin supports media sizes up to Legal (8.5x14 inch)
5. 4.3 inch color touchscreen display (10.9 cm)
6. Hardware Integration Pocket¹ (for connecting accessories and third-party devices)
7. Easy-access USB port²
8. Power button
9. Right door access to the print path
10. 100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)
11. 550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)
12. Slot for cable-type security lock⁴
13. SuperSpeed USB 3.0 Host Port⁴
14. Hi-Speed USB 2.0 Host Port⁴
15. Gigabit Ethernet Port⁴
16. SuperSpeed 3.0 device port⁴



Series at a glance



Model	HP Color LaserJet Enterprise X55745dn Printer
Product number	6QP97A
Functions	Print
Print speed (A4 and letter, black and color) ³	43/45 ppm (A4/letter)
Control panel	4.3 inch color touchscreen display
Recommended Monthly Page Volume	Up to 15,000 pages per month
Input capacity	650/2,300 (std/max)
Output capacity (standard)	250-sheets
Processor	Dual-core 1.4 GHz
Workpath enabled	Yes (with 2GB upgrade)
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 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

2NR12A	HP Removable Hard Drive Enclosure
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
616H1A	HP 2GB DDR3Lx32 120-pin 933MHz TAA DIMM
630A7A	HP CLJ X557 Constellation Yellow Color Panel Kit
630A8A	HP CLJ X557 Cosmic Green Color Panel Kit
630A9A	HP CLJ X557 Aurora Purple Color Panel Kit
630B0A	HP CLJ X557 Comet Red Color Panel Kit
630B1A	HP CLJ X557 Lunar Gray Color Panel Kit
630C7A	HP 550 Sheet Paper Tray Constellation 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
6QY68A	HP 2GB DDR3Lx32 120-pin 933MHz DIMM
8FP31A	HP Jetdirect LAN Accessory
9EQ11A	HP 500GB CCC, FIPS Hard Disk Drive
CC543B	HP SmartCard NIPRNet Solution for US Government
F8B30A	HP SmartCard NIPRNet 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 Secure Print and Insights; HP Advance; HP card readers

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

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

Services

U45PGE HP 3 year Next Business Day with DMR Service for Color LaserJet Enterprise X557xx

U45PHE HP 4 year Next Business Day with DMR Service for Color LaserJet Enterprise X557xx

U45PJE HP 5 year Next Business Day with DMR Service for Color LaserJet Enterprise X557xx

U45PKE HP 3 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise X557xx

U45PLE HP 4 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise X557xx

U45PME HP 5 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise X557xx

U45PTE HP 3 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise X557xx

U45PVE HP 4 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise X557xx

U45PWE HP 5 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise X557xx

U45PXPE HP 1 year Post Warranty Next Business Day with DMR Service for Color LaserJet Enterprise X557xx

U45PZPE HP 1 year Post Warranty 4 hour 9x5 with DMR Service for Color LaserJet Enterprise X557xx

U45Q3PE HP 1 year Post Warranty Channel Parts Exchange with DMR Service for Color LaserJet Enterprise X557xx

U9JT2E HP Installation Service with network configuration for Workgroup Printer

U34Y1E HP Print Carbon Neutral Certification Service

Data sheet | HP Color LaserJet Enterprise X55745dn Printer series
HP Color LaserJet Enterprise X55745dn Printer series

Model	HP Color LaserJet Enterprise X55745dn Printer
Product number	6QP97A
AIO functions	Print
Print	
Print speed	First page out Letter: As fast as 6.8 sec Black; As fast as 7.5 sec Color; First page out A4: As fast as 6.9 sec Black; As fast as 7.6 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 3600, 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), URF (AirPrint)
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 EasyColor
Printer management	HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center; HP Smart Device Services (SDS); HP Smart Device Services (SDS)
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) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard);
Mobile printing capability	HP ePrint, Apple AirPrint™; NFC touch-to-print (optional); Mopria™ Certified
Memory	Standard: 1.5 GB; Maximum: 3.5 GB
Processor speed	1.4 GHz / Storage: 16 GB eMMC / Hard disk: Standard, 16 GB eMMC; Optional, 32 GB eMMC; Optional, minimum 500 GB HDD; Optional, 256 GB SSD
Duty cycle (monthly)	Letter: Up to 120,000 pages; A4: Up to 120,000 pages; Recommended monthly page volume: 2000 to 15,000
Paper handling	
Input	550-sheet input tray, 100-sheet multi-purpose tray; Up to 650 sheets Standard
Output	Standard: 250-sheet output bin; Up to 250 sheets Standard
Duplex Options	Automatic
Envelope feeder	No
Standard paper trays	Standard: 2; Maximum: 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); Tray 1: 60 to 220 g/m ² (plain), 120 to 220 g/m ² (glossy); Tray 2: 60 to 220 g/m ² (plain), 120 to 220 g/m ² (glossy); optional 550-sheet input trays: 60 to 220 g/m ² (plain), 120 to 220 g/m ² (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; Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2, optional 1x550-sheet feeders: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard (JIS)
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; Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm
Dimensions (W x D x H)⁹	19.7 x 18.1 x 16.3 in; 500 x 460 x 415 mm; Maximum: 34.8 x 30.3 x 23.2 in; 885 x 770 x 590 mm
Weight	68.5 lb; 31.14 kg
What's in the box²	HP Color LaserJet Single-function Printer; HP Black Original Managed LaserJet Toner Cartridge (~3,500 yield), HP Cyan, Magenta and Yellow Managed Original LaserJet Toner Cartridges (~3,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord; Tray Lock Kit (Paper-size cassette locks, paper tray interface screws, P-cartridge door access control screws)
Replacement cartridges⁵	W9240MC HP W9240MC Black Managed Original LaserJet Toner Cartridge (~21,000 pages); W9241MC HP W9241MC Cyan Managed Original LaserJet Toner Cartridge (~14,000 pages); W9242MC HP W9242MC Yellow Managed Original LaserJet Toner Cartridge (~14,000 pages); W9243MC HP W9243MC Magenta Managed Original LaserJet Toner Cartridge (~14,000 pages)
Orderable supplies	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 Toner Collection Unit 527F9A
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
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold registered; SEPA; KOECO
Control panel	4.3 in (10.9 cm) touchscreen with color graphics
Display	4.3 in (10.9 cm) Color Graphics 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 7; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux
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 ;
Power³	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: 605.3 watts (Printing/Copying), 40.1 watts (Ready), 1.1 watts (Sleep), 0.09 watts (Manual Off); Typical electricity consumption (TEC) number: 0.515 kWh/week (Energy Star 3.0); 0.491 kWh/week (Blue Angel)
Acoustics	Acoustic power emissions: 6.5 B(A)
Operating environment	Operating temperature range: 50 to 91°F ; 10 to 32.5°C Recommended operating temperature: 59 to 80.6°F ; 15 to 27°C Storage temperature range: -4 to 140°F ; -20 to 40°C 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 Shield™ 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 EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. ² 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. ³ Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). ⁴ 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. ⁵ Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/toneryield> 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 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. ⁸ 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. ⁹ Maximum dimensions means doors, paper trays, and ADF (if applicable) are fully open.

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