



HP Color LaserJet Enterprise X55745dn Printer

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>

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 43 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

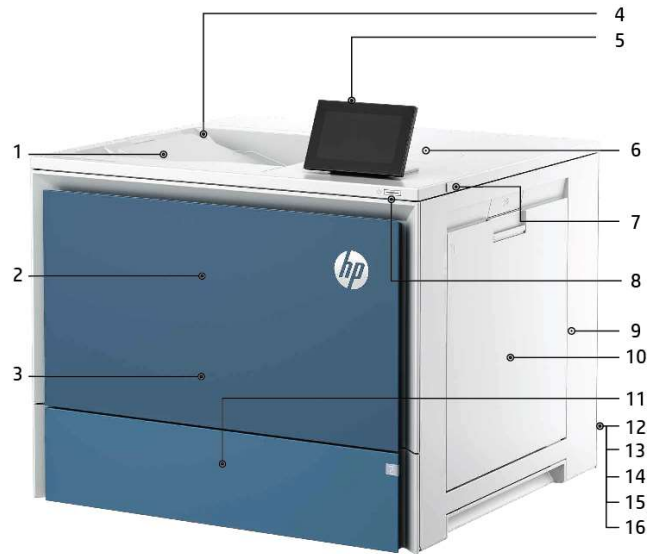
- Customize your print experience with cloud-connected HP Workpath apps. Access personalized content and integrate paper and digital workflows.⁴
- Give your team the tools to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions, and card reader support.
- 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.

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 A4
5. 10.9 cm color touchscreen display (4.3 inch)
6. Hardware Integration Pocket (for connecting accessories and third-party devices)
7. Easy-access USB port
8. Power button
9. Right door access to the print path
10. 100-sheet multipurpose tray 1 supports media sizes up to A4
11. 550-sheet tray 2 supports media sizes up to A4
12. Slot for cable-type security lock
13. SuperSpeed USB 3.0 Host Port
14. Hi-Speed USB 2.0 Host Port
15. Gigabit Ethernet Port
16. SuperSpeed 3.0 device port



Series at a glance



| | |
|-----------------------------------|---|
| Model | HP Color LaserJet Enterprise X55745dn Printer |
| Product number | 6QP97A |
| Functions | Print |
| Print speed | 43 ppm (A4) |
| Control panel | 10.9 cm color touchscreen display |
| RMPV | 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 |

Accessories, Supplies and Support

| | | |
|--|---|---|
| Supplies | 527F9A HP LaserJet Toner Collection Unit | |
| | 527G1A HP LaserJet 220V Fuser Kit | |
| | 527G7A HP LaserJet 220V Enhanced Fuser Kit | |
| | 527G8A HP LaserJet Image Transfer Belt | |
| | 527G9A HP LaserJet Image Transfer Belt | |
| | 527H2A HP LaserJet Tray 2 Roller Kit | |
| | 527H3A HP LaserJet MP Tray Roller Kit | |
| | W9240MC HP W9240MC Black Managed Original LaserJet Toner Cartridge ~21,000 pages | |
| | W9241MC HP W9241MC Cyan Managed Original LaserJet Toner Cartridge | |
| | W9242MC HP W9242MC Yellow Managed Original LaserJet Toner Cartridge | |
| | W9243MC HP W9243MC Magenta Managed Original LaserJet Toner Cartridge | |
| | Accessories | 1M0Q3A HP JetDirect 3200w BLE/Wireless Accy |
| 1M0Q4A HP LaserJet Secure Solid State Drive | | |
| 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 | | |
| 61G11A 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 | | |
| X3D03A HP USB Universal Card Reader | | |
| Y7C05A HP HIP2 Keystroke Reader | | |
| Service and Support | | U45PGE HP 3 year Next Business Day Service with Defective Media Retention for Color LaserJet Ent X557xx |
| | | U45PHE HP 4 year Next Business Day Service with Media Retention for Color LaserJet Ent X557xx |
| | | U45PJE HP 5 year Next Business Day Service with Media Retention for Color LaserJet Ent X557xx |
| | | U45PTE HP 3 year Parts Only Service with Defective Media Retention for Color LaserJetEntX557xx |
| | | U45PVE HP 4 year Parts Only Service with Defective Media Retention for Color LaserJetEntX557xx |
| | U45PWE HP 5 year Parts Only Service with Defective Media Retention for Color LaserJetEntX557xx | |
| | U45PXE HP 1 year Post Warranty Next Business Day Service with Defective Media Retention for Color LaserJet Ent X557xx | |
| | U45Q3PE HP 1 year Post Warranty Parts Only service with Defective Media Retention for Color LaserJetEntX557xx | |

Technical specifications

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|---|---|
| Model | HP Color LaserJet Enterprise X55745dn Printer |
| Product number | 6QP97A |
| Functions | Print |
| Control panel | 4.3 in (10.9 cm) touchscreen with color graphics |
| Print | |
| Print technology | Laser |
| Print speed¹ | Black (A4, normal): Up to 43 ppm Colour (A4, normal): Up to 43 ppm ; Black (A4, duplex): Up to 43 ipm Colour (A4, duplex): Up to 43 ipm |
| First page out² | Black (A4, ready): As fast as 6.9 sec Colour (A4, ready): As fast as 7.6 sec ; Black (A4, sleep): As fast as 9.2 sec Colour (A4, sleep): As fast as 10.2 sec |
| Print resolution | Black (best): Up to 1,200 x 1,200 dpi Colour (best): Up to 1200 x 1200 dpi ; Technology: HP ImageREt 3600, Fine Lines (1200x1200 dpi), Quickview (300x300 dpi) |
| Monthly duty cycle | Up to 120,000 pages A4; Recommended monthly page volume: 2000 to 15,000 |
| 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 |
| Standard print languages | HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (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 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 |
| Print area | Print margins Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area : 207.4 x 1191.4 mm |
| Duplex printing | Automatic |
| Processor speed | 1.4 GHz |
| Connectivity | |
| Standard | 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) |
| Optional | HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A |
| Mobile printing capability | HP ePrint; Apple AirPrint™; NFC touch-to-print (optional); Mopria™ Certified |
| Supported network protocols | Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateless via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x |
| 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); |
| Hard disk | Standard, 16 GB eMMC; Optional, 32 GB eMMC; Optional, minimum 500 GB HDD; Optional, 256 GB SSD |
| Memory | Standard: 1.5 GB ; Maximum: 3.5 GB |
| Media handling | |
| Number of 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 size | Custom (metric): Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm Supported (metric): 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 handling | Tray 1: Paper: 100 sheets of 75 g/m ² media; Envelopes: 10 Maximum: Up to 2300 sheets |
| Media weight | 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); |
| Input capacity | Standard input: 550-sheet input tray, 100-sheet multi-purpose tray Standard output: 250-sheet output bin Optional input: optional 550-sheet input trays (up to 3) |
| Output capacity | Standard: Up to 250 sheets Maximum: Up to 250 sheets |
| 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 | 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 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; 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 |
| 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) |

Technical specifications

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|---|---|
| Model | HP Color LaserJet Enterprise X55745dn Printer |
| Product number | 6QP97A |
| Dimensions and weight | |
| Printer dimensions (W x D x H) ⁹ | Minimum 500 x 460 x 415 mm; Maximum: 885 x 770 x 590 mm |
| Package dimensions (W x D x H) | 498 x 598 x 652 mm |
| Printer weight | 31.14 kg |
| Package weight | 34.3 kg |
| Operating environment | Temperature: 10 to 32.5°C Humidity: 30 to 70% RH |
| Storage conditions | Temperature: -20 to 40°C |
| Acoustics | Acoustic power emissions: 6.5 B(A) Acoustic pressure emissions: 53 dB(A) |
| Power | Requirements: Input voltage: 220 V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A; Consumption: 605.3 watts (Printing/Copying), 40.1 watts (Ready), 1.1 watts (Sleep), 0.09 watts (Manual Off); Typical Electricity Consumption (TEC)³: 0.515 kWh/week (Energy Star 3.0); 0.491 kWh/week (Blue Angel); Power supply type: Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier) |
| Energy savings feature technology | HP Auto-On/Auto-Off Technology; Instant-on Technology |
| Certifications⁴ | 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 32:2015 (International) Class B / EN 55032:2015 Class A + A1:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class B, ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries. CECP; IT ECO Declaration; Blue Angel; EPEAT ⁵ Gold registered; SEPA; KOECO Blue Angel compliant⁵ Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies |
| Sustainable impact specifications | 5% post-consumer recycled plastic; ENERGY STAR ⁶ certified; EPEAT ⁵ registered |
| Country of origin | Made in Japan |
| What's in the box⁶ | 6QP97A HP Color LaserJet Enterprise X55745dn 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) |
| Warranty | 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. |

Footnotes

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/wja

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/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](https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf)

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

Technical specifications disclaimers

¹ 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.

² 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.

³ Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

⁴ EPEAT⁵ registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

⁵ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115V device and 230V for Blue Angel.

⁶ 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.

⁹ Maximum dimensions means doors, paper trays, and ADF (if applicable) are fully open.

