

HP Color LaserJet Enterprise X55745dn Printer

6QP97A

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.



Active between

Feb 28, 2023 - Nov 30, 9998

List Price \$ 3,433.41

[Additional Price Information](#) →

Specifications

Acoustic power emissions (active, printing) 6.5 B(A) (6.5 B(A))

Acoustic power emissions (ready) 3.6 B(A) (3.6 B(A))

Acoustic power note

Acoustic values are subject to change. For current information see <https://www.hp.com/support>. Configuration tested: simplex printing, A4 paper at an average of 44 ppm. (Acoustic values are subject to change. For current information see <https://www.hp.com/support>. Configuration tested: simplex printing, A4 paper at an average of 44 ppm.)

Acoustic pressure emissions bystander (active, printing) 53 dB(A) (53 dB(A))

Acoustic pressure emissions bystander (ready) 23 dB(A) (23 dB(A))

Automatic paper sensor Yes

Blue Angel compliant Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies

Blue Angel footnote [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.

Bottom margin (A4) 4.3 mm

Capacity 16 GB eMMC

Certifications and compliances	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.
Compatible Network Operating Systems	Windows Server; SAP; Novell; UNIX; Citrix; Linux
Compatible Operating Systems	Windows 11; Windows 10; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux
Component type	Printer
Configurable items	HP Color LaserJet Enterprise X55745dn Printer - Print: Up to 45 ppm black & 45 ppm color (letter); Up to 43 ppm black & 43 ppm color (A4); 650-sheets standard/2,300-sheets maximum paper input; 4.3 in (10.9 cm) color touch screen control panel; Up to 15,000 pages per month duty cycle; 1.5 GB RAM expandable to 3.5 GB RAM maximum, 16 GB eMMC memory storage; Gigabit Ethernet with optional Dual-band Wireless, Wifi-Direct and BLE; 3.5k black/3k CMY starter toner cartridges
Connectivity, optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
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)
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)
Display area (imperial)	3.74 x 2.32 in
Display area (metric)	95.04 x 53.86 mm
Downloadable software	<p>From https://123.hp.com-HP Easy Start (Guided Software Install for Windows and Mac); From https://hp.com for Windows OS- Full-solution software and drivers; Basic-solution software and drivers; HP PCL6 XPS Discrete Print Driver; Product Documentation and Support; From https://hp.com for Mac OS-; HP Mac OS Print Driver; HP Easy Admin; HP Universal Fax Driver; HP Universal Scan Solution; For Mobile OS-; iOS For more information see https://hp.com/go/businessmobileprinting; Android For more information see https://hp.com/go/businessmobileprinting; From http://hp.com for printer administrators-; Printer Administrator Resource Kit (Driver Configuration; Utility - Driver Deployment Utility - Managed Printing Administrator);</p> <p>HP Universal Print Drivers PCL6 GDI & PS GDI for Windows For more information on the supported operating systems go to http://support.hp.com; SAP Print Drivers for more information see https://support.hp.com/us-en/document/c05051702; HP Web JetAdmin; Printer Driver for more information see https://hplipopensource.com/hplip-web/index.html; Unix Model Script Printer Driver. For more information on the supported operating systems go to https://support.hp.com; Enter your product name and search; Click on User Guides and enter your product name and search for User Guide; Search for your (Product Name) - User Guide; Search for the Supported Operating Systems section; Supported Operating systems; For more information on the supported operating systems also see www.hp.com/go/upd; HP Smart Suite- Basic (Only supported on Windows 10 and above); HP Smart Suite- Advanced (Only supported on Windows 10 and above); HP SmartApp (Only supported on Windows 10 and above); HP SmartDriver; HP PrintScanDr; HP WebJetAdmin + Workpath; HP Command Center; Chrome Extension; Android Plug-in;</p>

Driver updates	Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to http://www.hp.com/support/ (country/region may need to be selected) Select "Support"; Select "Software and Drivers"; Select "Printer"; Enter a product name/number (The operating system is automatically detected); Select a driver or other software; Select "Download" for the software desired;
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 120,000 pages
Duty cycle (monthly, letter)	Up to 120,000 pages
Duty cycle note	Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold registered; SEPA; KOECO
Ecolabels footnote	[1] EPEAT® registered where applicable. EPEAT registration varies by country. See https://www.epeat.net for registration status by country.
Electromagnetic compatibility	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class B / EN 55032:2015 Class A + A11:2020, 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.
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Energy star certified	Yes
Engine life	225000
Envelope Feeder	No
FCC Class A emissions	FCC Class A emissions - for use in commercial environments, not residential environments
Finished output handling	Sheet fed
First page out black (A4, ready)	As fast as 6.9 sec
First page out black (A4, sleep)	As fast as 9.2 sec
First page out black (letter, ready)	As fast as 6.8 sec
First page out black (letter, sleep)	As fast as 9.1 sec
First page out color (A4, ready)	As fast as 7.6 sec

First page out color (A4, sleep)	As fast as 10.2 sec
First page out color (letter, ready)	As fast as 7.5 sec
First page out color (letter, sleep)	As fast as 10.1 sec
First page out footnote	[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.
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
Input capacity	Up to 650 sheets
Internal Storage	Standard, 16 GB eMMC; Optional, 32 GB eMMC; Optional, minimum 500 GB HDD; Optional, 256 GB SSD
Left margin (A4)	4.3 mm
Mac compatible	Yes
Manufacturer 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.
Maximum input capacity (sheets)	Up to 2300 sheets
Maximum Memory	3.5 GB
Maximum output capacity (sheets)	Up to 250 sheets
Maximum print area	207.4 x 1191.4 mm
Media size, tray 1	A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio 216 x 340, 16k, Postcard (JIS), DPostcard (JIS), Envelopes (DL, C5, B5, C6); custom 64 x 127 to 216 x 1200 mm
Media size, tray 2	A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio 216 x 340, 16k, DPostcard (JIS); custom 101 x 148 to 216 x 356 mm
Media size, tray 3	optional 1x550-sheet feeders: A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio 216 x 340, 16k, DPostcard (JIS); custom 101 x 148 to 216 x 356 mm

Media sizes supported	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 supported, key	Letter; Legal (A4)
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)
Media type and capacity, tray 1	Paper: 100 sheets of 75 g/m ² media; Envelopes: 10
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)	60 to 220 g/m ² (plain), 120 to 220 g/m ² (glossy)
Media weight (tray 2)	60 to 220 g/m ² (plain); 120 to 220 g/m ² (glossy)
Media weight (tray 3)	1x550-sheet feeders: 60 to 220 g/m ² (plain); 120 to 220 g/m ² (glossy)
Media weight, supported	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);)
Memory	1.5 GB
Memory Slots	1 slot, DIMM
Minimum System Requirements	2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com ;
Minimum System Requirements for Macintosh	2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see apple.com ;
Mobile printing capability	HP ePrint; Apple AirPrint™; NFC touch-to-print (optional); Mopria™ Certified
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);
Network protocols, supported	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, 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, Stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)

Number of users	5-15 Users (5-15 Users)
Operating humidity range	10 to 80% RH
Operating system (supported note)	Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see
Operating temperature range	50 to 91°F
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
Output capacity	Up to 250 sheets
Page yield (set-up/inbox cartridges)	~3,500 pages black, ~3,000 pages cyan, magenta, yellow composite yield
Paper handling input, optional	optional 550-sheet input trays (up to 3)
Paper handling input, standard	550-sheet input tray, 100-sheet multi-purpose tray
Paper handling output, standard	250-sheet output bin
Paper trays, maximum	5
Paper trays, standard	2
Power	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)
Power consumption Note	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.
Power supply type	Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier)
Print colors	Yes
Print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
Print quality black (best)	Up to 1,200 x 1,200 dpi
Print quality black (normal)	Up to 600 x 600 dpi
Print quality color (best)	Up to 1200 x 1200 dpi

Print resolution black (fine lines)	Up to 1200 x 1200 dpi
Print resolution color (fine lines)	Up to 1200 x 1200 dpi
Print resolution color (normal)	Up to 600 x 600 dpi
Print Resolution Technologies	HP ImageREt 3600, Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)
Print speed	Print speed up to 45 ppm (black) and 45 ppm (color)
Print speed black (ISO, A4)	Up to 43 ppm
Print speed black (ISO, letter)	Up to 45 ppm
Print speed black (Landscape, A5)	Up to 69 ppm
Print speed black (Portrait, A5)	Up to 60 ppm
Print speed color (ISO)	Up to 45 ppm
Print Speed Color (ISO)	Up to 43 ppm
Print speed color (Landscape, A5)	Up to 69 ppm
Print speed color (Portrait, A5)	Up to 60 ppm
Print speed duplex (A4)	Up to 43 ipm
Print speed duplex (letter)	Up to 45 ipm (Up to 45 ipm)
Print speed footnote	[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.
Print speed footnote (A5)	[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.
Print Technology	Laser
Print technology	Laser

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)
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
Processor speed	1.4 GHz
Recommended media weight (duplex)	16 to 90 lb (plain); 32 to 58 lb (glossy) (60 to 163 g/m ² (plain); 120 to 220 g/m ² (glossy))
Recommended monthly page volume	2000 to 15,000
Recommended monthly page volume note	HP Recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	59 to 80.6°F
Registration required	No
Replacement cartridges	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)
Replacement cartridges footnote	[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
Right margin (A4)	4.3 mm
RMN number	BOISB-2001-00
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); IEC 62368-1:2014; EN 62368-1:2014(EU); EN 60825-1:2014 +A11:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); UL62368-1 2nd Ed. 2014-12-01, CSA C22.2 No. 62368-1-14, 2nd Ed.; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 56, Dated May 8, 2019; Other safety approvals as required by individual countries.
Security	HP Access Control; HP Security Manager; HP Secure Print and Insights; HP Advance; HP card readers

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
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com ;
Standard input capacity (envelopes)	MP Tray: Up to 10 envelopes (or 10mm stack height)
Standard media sizes (duplex, imperial)	Letter; Legal; Executive; Oficio (8.5 x 13 in); Statement (Letter; Legal; Executive; Oficio (8.5 x 13 in); Statement)
Standard media sizes (duplex)	A4; A5; B5 (JIS); RA4; 16K; Oficio (216 x 340 mm)
Storage	16 GB eMMC
Storage device and direct print support	Front-facing USB/Flash drive; USB printing
Storage temperature range	-4 to 140°F
Supplies feature	TerraJet Cartridge
Sustainable impact specifications	5% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
Target user and print volume	For teams up to 15 users; Prints up to 15,000 pages/month (For teams up to 15 users; Prints up to 15,000 pages/month)
Tariff numbers	8443321010(AM-Base-HTS); 8443321000(EU-Base-HTS); 84433231(AP-Base-HTS)
Technical features	Automatic 2-sided printing; Bluetooth printing; Cloud-based fleet management; Color touchscreen with apps; ENERGY STAR®; Network printing; Fast first page out; Full ream of paper input; Google Cloud Print; TerraJet Toner; Private Print via PIN; Touchscreen; Walk-up USB
Top key features	Front USB flash drive port; Optional high-capacity trays; Touchscreen; TerraJet cartridge
Top margin (A4)	4.3 mm
Typical electricity consumption (TEC) footnote	[3] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
Typical electricity consumption (TEC) number	0.515 kWh/week (Energy Star 3.0); 0.491 kWh/week (Blue Angel)

UNSPSC code 43212105

Warm-up time As fast as 135 sec

What's in the box 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)

Specifications

[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.

Legal disclaimer

Product image may differ from actual product