

# HP Color LaserJet Enterprise X55745dn Printer (6QP97A)

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Functions	Print
Print speed black (ISO, letter)	Up to 45 ppm
Print speed black (ISO, A4)	Up to 43 ppm
Print speed color (ISO)	Up to 45 ppm
Print Speed Color (ISO)	Up to 43 ppm
First page out black (letter, ready)	As fast as 6.8 sec ( <sup>1</sup> Measured using ISO/IEC 17629. For more information see <a href="https://www.hp.com/go/printerclaims">https://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.)
First page out black (A4, ready)	As fast as 6.9 sec ( <sup>1</sup> Measured using ISO/IEC 17629. For more information see <a href="https://www.hp.com/go/printerclaims">https://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.)
First page out color (letter, ready)	As fast as 7.5 sec ( <sup>1</sup> Measured using ISO/IEC 17629. For more information see <a href="https://www.hp.com/go/printerclaims">https://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.)

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First page out color (A4, ready)	As fast as 7.6 sec ( <sup>1</sup> Measured using ISO/IEC 17629. For more information see <a href="https://www.hp.com/go/printerclaims">https://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.)
Duplex printing	Automatic
Duty cycle (monthly, letter)	Up to 120,000 pagesUp to 120,000 pages (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.)
Duty cycle (monthly, A4)	Up to 120,000 pages (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.)
Recommended monthly page volume	2000 to 15,000 (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.)
Print quality black (best)	Up to 1,200 x 1,200 dpi
Print quality color (best)	Up to 1200 x 1200 dpi
Print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
Print technology	Laser

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)
Connectivity, optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
Mobile printing capability	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);
Minimum System Requirements for Macintosh	2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see <a href="http://apple.com">apple.com</a> ;
Minimum System Requirements	2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ;
Display	4.3 in (10.9 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)
Processor speed	1.4 GHz
Maximum Memory	3.5 GB
Memory	1.5 GB

Internal Storage	Standard, 16 GB eMMC; Optional, 32 GB eMMC; Optional, minimum 500 GB HDD; Optional, 256 GB SSD (via CTO)
Storage	16 GB eMMC
Capacity	16 GB eMMC
Compatible Operating Systems	Windows 11; Windows 10; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux (Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see)
Paper handling input, standard	550-sheet input tray, 100-sheet multi-purpose tray
Paper handling output, standard	250-sheet output bin
Paper handling input, optional	optional 550-sheet input trays (up to 3)
Finished output handling	Sheet fed
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 sizes supported	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: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm
Power consumption	605.3 watts (Printing/Copying), 40.1 watts (Ready), 1.1 watts (Sleep), 0.09 watts (Manual Off) (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	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
Operating humidity range	10 to 80% RH
Recommended operating humidity range	30 to 70% RH
Operating temperature range	10 to 32.5°C
Operating temperature range	50 to 91°F
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies <sup>2</sup> ( <sup>2</sup> 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.)
Typical electricity consumption (TEC) number	0.515 kWh/week (Energy Star 3.0); 0.491 kWh/week (Blue Angel) <sup>3</sup> ( <sup>3</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).)

Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold registered; SEPA; KOECO ( <sup>4</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <a href="https://www.epeat.net">https://www.epeat.net</a> for registration status by country.)
Energy star certified	Yes
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 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
Security	HP Access Control; HP Security Manager; HP Secure Print and Insights; HP Advance; HP card readers
Minimum dimensions (W x D x H)	500 x 460 x 415 mm <sup>5</sup>

Maximum dimensions (W x D x H)	885 x 770 x 590 mm <sup>5</sup>
Weight	31.14 kg (with cartridges)
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) <sup>6</sup>
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Replacement cartridges	HP W9240MC Black Managed Original LaserJet Toner Cartridge (~21,000 pages) W9240MC; HP W9241MC Cyan Managed Original LaserJet Toner Cartridge (~14,000 pages) W9241MC; HP W9242MC Yellow Managed Original LaserJet Toner Cartridge (~14,000 pages) W9242MC; HP W9243MC Magenta Managed Original LaserJet Toner Cartridge (~14,000 pages) W9243MC <sup>7</sup> ( <sup>7</sup> Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> )
Manufacturer Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.