



## HP Color LaserJet Enterprise MFP X58045dn Printer

**Brand :** HP

**Product code:** 7E357A#B19

**Product name :** Color LaserJet Enterprise MFP X58045dn Printer

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[HP Color LaserJet Enterprise MFP X58045dn Printer:](#)

**The most customizable HP A4 LaserJet, with advanced workflow solutions optimized for distributed office collaboration.** Transform your workflows with advanced capabilities in a compact footprint. From print speeds to colour panels<sup>[10]</sup>, get flexible configurations to meet your needs today and tomorrow. All while protecting your business against evolving cyber threats.

Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP chips and electronic circuitry enable the use of reused, remanufactured, and refilled cartridges.



Printing		Performance	
Duplex printing mode	Auto	Card reader integrated	✓
Print resolution colour	1200 x 1200 DPI	Internal memory *	6144 MB
Print resolution black	1200 x 1200 DPI	Built-in processor	✓
Print technology *	Laser	Processor frequency	1200 MHz
Printing *	Colour printing	Sound pressure level (printing)	53 dB
Duplex printing *	✓	Sound pressure level (scanning)	52 dB
Maximum resolution *	1200 x 1200 DPI	Sound power level (printing)	6.4 dB
Print speed (black, normal quality, A4/US Letter) *	43 ppm	<b>Design</b>	
Print speed (colour, normal quality, A4/US Letter)	43 ppm	Product colour *	Grey
Time to first page (black, normal)	7.2 s	Market positioning *	Enterprise
Time to first page (colour, normal)	7.9 s	Built-in display *	✓
N-in-1 print function	✓	Display	CGD
Watermark printing	✓	Display diagonal	20.3 cm (8")
Secure printing	✓	Control type	Touch
<b>Copying</b>		Colour display	✓
Duplex copying *	✓	<b>Power</b>	
Duplex copying mode	Auto	Power consumption (average operating)	655 W
Copying *	Colour copying	Power consumption (printing)	655 W
Maximum copy resolution *	600 x 600 DPI	Power consumption (copying)	655 W
Maximum copy size	A4	Power consumption (ready)	50.1 W
Copy speed (black, normal quality, A4)	43 cpm	Power consumption (sleep)	0.9 W
		Power consumption (off)	0.09 W

Copying		Power	
Copy speed (colour, normal quality, A4)	43 cpm	Energy Star Typical Electricity Consumption (TEC)	0.552 kWh/week
Time to first copy (black, normal)	5.5 s	AC input voltage	100 - 240 V
Time to first copy (colour, normal)	8.6 s	AC input frequency	50/60 Hz
Maximum number of copies	9999 copies	Brand-specific features	
Copier resize	25 - 400%	HP Auto-On/Auto-Off	✓
N-in-1 copy function	✓	HP Dynamic security	✓
Book copy function	✓	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	
ID-card copy function	✓		
Auto fit function	✓		
Edge erase function	✓		
Stamp function	✓		
Watermark copying	✓		
Scanning		HP Security tools	(ABT) 197192306574; (ABY) 197192306581; (ACQ) 197192306604; (B13) 197192306611; (B19) 197192306628; (BAZ) 197192306635
Duplex scanning *	✓		
Duplex scanning mode	Auto		
Scanning *	Colour scanning		
Optical scanning resolution *	600 x 600 DPI		
Maximum scan resolution	600 x 600 DPI		
Maximum scan area	216 x 356 mm		
Scanner type *	Flatbed scanner		
Scan technology	CIS		
Scan to	Network folder, USB		
Scan speed (colour)	47 ppm		
Scan speed (black)	47 ppm		
Duplex scan speed (colour)	94 ppm		
Duplex scan speed (black)	94 ppm		
Image formats supported	JPEG, MTIFF, TIFF		
Document formats supported	CSV, DOCX, HTML, PDF, RTF, UNICODE, XLSX, XML, XPS		
Input colour depth	24 bit		
Greyscale levels	256		
Scan drivers	TWAIN		
Fax		HP GTIN (EAN/UPC) with options	
Fax resolution (black)	300 x 300 DPI		
Fax transmission speed	3 sec/page		
Modem speed	33.6 Kbit/s		
Fax memory	1000 pages	HP GTIN (EAN/UPC)	197192306574, 197192306581, 197192306604, 197192306611, 197192306628, 197192306635
Auto-redialing	✓	System requirements	
Speed dialling	✓	Windows operating systems supported	Windows 8, Windows 8.1, Windows 10, Windows 11
Fax forwarding	✓	Mac operating systems supported	Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey, MacOS
Fax delayed sending	✗		
Auto reduction	✓		
Features		Linux operating systems supported	✓
Recommended duty cycle	2000 - 15000 pages per month	Other operating systems supported	ChromeOS, Android, iOS
Maximum duty cycle *	120000 pages per month	Operational conditions	
Duplex functions *	Print	Operating relative humidity (H-H)	10 - 80%
Digital sender	✓	Recommended humidity operating range	30 - 70%
Ink tank system	✗	Recommended operating temperature range (T-T)	15 - 27 °C
Number of print cartridges *	4	Storage temperature (T-T)	-20 - 40 °C
Printing colours *	Black, Cyan, Magenta, Yellow	Operating temperature (T-T)	10 - 32.5 °C
Page description languages	PostScript 3, PDF 1.7, PCL 5c		
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript		
All-In-One-multitasking	✓		
Country of origin	Czech Republic		

Features		Certificates	
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	Certification	CISPR 22:2008 (International) - Class A; CISPR 32:2015 (International) - Class A; / EN 55032:2015+A11:2020 (EU) - Class A; 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 CFR 47 Part 15 Class A; ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.
HP segment	Enterprise	<b>Sustainability</b>	
<b>Input &amp; output capacity</b>		Sustainability compliance	✓
Total number of input trays *	2	Sustainability certificates	Blue Angel, ENERGY STAR
Total input capacity *	650 sheets	<b>Carbon footprint</b>	
Total output capacity *	250 sheets	Total carbon footprint (kg of CO2e)	420
Paper tray 1 input capacity	100 sheets	Carbon emissions, manufacturing (kg of CO2e)	338
Multi-Purpose tray	✓	Carbon emissions, logistics (kg of CO2e)	14
Multi-Purpose tray input capacity	100 sheets	Carbon emissions, end-of-life (kg of CO2e)	48
Auto document feeder (ADF)	✓	Total carbon emissions, w/o use phase (kg of CO2e)	19
Auto document feeder (ADF) input capacity	100 sheets	<b>Weight &amp; dimensions</b>	
Maximum number of input trays	5	Width	500 mm
Maximum input capacity	2300 sheets	Depth	460 mm
Maximum output capacity	250 sheets	Height	583 mm
<b>Paper handling</b>		Weight	38.9 kg
Maximum ISO A-series paper size *	A4	<b>Packaging data</b>	
Maximum print size	207.4 x 1191.4 mm	Package width	758 mm
Paper tray media types *	Plain paper, Glossy paper, Bond paper, Recycled paper, Envelopes, Card stock, Labels, Transparencies, Heavy paper, Lightweight paper, Rough paper, Letterhead	Package depth	598 mm
		Package height	652 mm
ISO A-series sizes (A0...A9) *	A4, A5, A6	Package weight	41.4 kg
ISO B-series sizes (B0...B9)	B5, B6	<b>Packaging content</b>	
ISO C-series sizes (C0...C9)	C5, C6	Cartridge(s) included	✓
Non-ISO print media sizes	Oficio, 16K	Included cartridge capacity (black)	3500 pages
Envelopes sizes	B5, B6, C5, C6	Included cartridge capacity (CMY)	3000 pages
Photo paper sizes	10x15 cm	Cables included	AC
Custom media width	64 - 216 mm	<b>Logistics data</b>	
Custom media length	127 - 1200 mm	Pallet gross weight	263.4 kg
Paper tray media weight	60 - 220 g/m²	Layers per pallet	3 pc(s)
<b>Ports &amp; interfaces</b>		Products per pallet	6 pc(s)
Direct printing *	✓	<b>Technical details</b>	
USB port	✓	<div> <div>Box contents</div> <div>           HP Color LaserJet Enterprise MFP X58045dn; HP Black Managed Original 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)         </div> </div> <div> <div>Master (outer) cases per pallet layer</div> <div>2 pc(s)</div> </div> <div> <div>Compliance certificates</div> <div>GS mark, CE</div> </div> <div> <div>General Product Safety Regulation (GPSR) URL</div> <div> <a href="https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laserjet-enterprise-mfp-x58045dn-series/model/2101605892?sku=7E357A">https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laserjet-enterprise-mfp-x58045dn-series/model/2101605892?sku=7E357A</a>  <a href="https://kaas.hpcloud.hp.com/pdf-public/pdf_7762058_en-US-1.pdf">https://kaas.hpcloud.hp.com/pdf-public/pdf_7762058_en-US-1.pdf</a> </div> </div>	
USB 2.0 ports quantity	1	<b>Other features</b>	
USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	2	Number of users	15 user(s)
Optional connectivity	Bluetooth, Near Field Communication (NFC), Wireless LAN	Custom media sizes	Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm
<b>Network</b>		Pallet dimensions (W x D x H)	1200 x 800 x 2083 mm
Ethernet LAN *	✓	Recommended system requirements	2 GB available hard disk space; Internet connection; or USB port; Internet browser.
Cabling technology	10/100/1000Base-T(X)	Compatible operating systems	Windows 11; Windows 10; Windows 8.1; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux; Chrome OS
Ethernet LAN data rates	10,100,1000 Mbit/s		
Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS, IPSec	Pallet dimensions (W x D x H) (imperial)	1198.9 x 800.1 x 2082.8 mm (47.2 x 31.5 x 82")
Mobile printing technologies	Mopria Print Service, Apple AirPrint		
<b>Performance</b>			
Maximum internal memory	6144 MB		
Internal storage capacity	32 GB		

Other features	
Pallet weight (imperial)	262.6 kg (579 lbs)
Acoustic power emissions (ready)	35 dB
Acoustic pressure emissions bystander (ready)	22 dB
Typical electricity consumption (TEC) number	0.551 kWh/week
UNSPSC-code	43212110
Processor frequency	1.2 GHz
Manufacturer warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements.
Electromagnetic compatibility	CISPR 22:2008 (International) - Class A; CISPR 32:2015 (International) - Class A; / EN 55032:2015+A11:2020 (EU) - Class A; 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 CFR 47 Part 15 Class A; ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.



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