



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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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^[10], 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

Duplex printing mode	Auto
Print resolution colour	1200 x 1200 DPI
Print resolution black	1200 x 1200 DPI
Print technology *	Laser
Printing *	Colour printing
Duplex printing *	✓
Maximum resolution *	1200 x 1200 DPI
Print speed (black, normal quality, A4/US Letter) *	43 ppm
Print speed (colour, normal quality, A4/US Letter)	43 ppm
Time to first page (black, normal)	7.2 s
Time to first page (colour, normal)	7.9 s
N-in-1 print function	✓
Watermark printing	✓
Secure printing	✓

Copying

Duplex copying *	✓
Duplex copying mode	Auto
Copying *	Colour copying
Maximum copy resolution *	600 x 600 DPI
Maximum copy size	A4
Copy speed (black, normal quality, A4)	43 cpm

Performance

Card reader integrated	✓
Internal memory *	6144 MB
Built-in processor	✓
Processor frequency	1200 MHz
Sound pressure level (printing)	53 dB
Sound pressure level (scanning)	52 dB
Sound power level (printing)	6.4 dB

Design

Product colour *	Grey
Market positioning *	Enterprise
Built-in display *	✓
Display	CGD
Display diagonal	20.3 cm (8")
Control type	Touch
Colour display	✓

Power

Power consumption (average operating)	655 W
Power consumption (printing)	655 W
Power consumption (copying)	655 W
Power consumption (ready)	50.1 W
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
Scanning		Brand-specific features	
Scanning * Optical scanning resolution *	600 x 600 DPI	HP Auto-On/Auto-Off	✓
Maximum scan resolution	600 x 600 DPI	HP Dynamic security	✓
Maximum scan area	216 x 356 mm	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 WPA-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 socket for security solutions; Hardware-based Memory ShieldTM 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	
Scanner type *	Flatbed scanner	HP Security tools	
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	197192306574; (ABY)	
Fax transmission speed	3 sec/page	197192306581; (ACQ)	
Modem speed	33.6 Kbit/s	197192306604; (B13)	
Fax memory	1000 pages	197192306611; (B19)	
Auto-redialing	✓	197192306628; (BAZ)	
Speed dialling	✓	197192306635	
Fax forwarding	✓	197192306574, 197192306581, 197192306604, 197192306611, 197192306628, 197192306635	
Fax delayed sending	✗		
Auto reduction	✓		
Features		System requirements	
Recommended duty cycle	2000 - 15000 pages per month	Windows operating systems supported	Windows 8, Windows 8.1, Windows 10, Windows 11
Maximum duty cycle *	120000 pages per month	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
Duplex functions *	Print	Linux operating systems supported	✓
Digital sender	✓	Other operating systems supported	ChromeOS, Android, iOS
Ink tank system	✗	Operational conditions	
Number of print cartridges *	4	Operating relative humidity (H-H)	10 - 80%
Printing colours *	Black, Cyan, Magenta, Yellow	Recommended humidity operating range	30 - 70%
Page description languages	PostScript 3, PDF 1.7, PCL 5c	Recommended operating temperature range (T-T)	15 - 27 °C
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript	Storage temperature (T-T)	-20 - 40 °C
All-In-One-multitasking	✓	Operating temperature (T-T)	10 - 32.5 °C
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	Sustainability	
Input & output capacity		Sustainability compliance	✓
Total number of input trays *	2	Sustainability certificates	Blue Angel, ENERGY STAR
Total input capacity *	650 sheets	Carbon footprint	
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	Weight & dimensions	
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
Paper handling		Weight	38.9 kg
Maximum ISO A-series paper size *	A4	Packaging data	
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
ISO A-series sizes (A0...A9) *	A4, A5, A6	Package height	652 mm
ISO B-series sizes (B0...B9)	B5, B6	Package weight	41.4 kg
ISO C-series sizes (C0...C9)	C5, C6	Packaging content	
Non-ISO print media sizes	Oficio, 16K	Cartridge(s) included	✓
Envelopes sizes	B5, B6, C5, C6	Included cartridge capacity (black)	3500 pages
Photo paper sizes	10x15 cm	Included cartridge capacity (CMY)	3000 pages
Custom media width	64 - 216 mm	Cables included	AC
Custom media length	127 - 1200 mm	Logistics data	
Paper tray media weight	60 - 220 g/m ²	Pallet gross weight	263.4 kg
Ports & interfaces		Layers per pallet	3 pc(s)
Direct printing *	✓	Products per pallet	6 pc(s)
USB port	✓	Technical details	
USB 2.0 ports quantity	1	Box contents	HP Color LaserJet Enterprise MFP X58045dn; 1x Black Managed Original LaserJet Toner Cartridge (~2500 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)
USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	2	Master (outer) cases per pallet layer	2 pc(s)
Optional connectivity	Bluetooth, Near Field Communication (NFC), Wireless LAN	Compliance certificates	GS mark, CE
Network		General Product Safety Regulation (GPSR) URL	https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laserjet-enterprise-mfp-x58045dn-series/model/2101605892?sku=7E357A ; https://kaas.hpcloud.hp.com/pdf-public/pdf_7762058_en-US-1.pdf
Ethernet LAN *	✓	Other features	
Cabling technology	10/100/1000Base-T(X)	Number of users	15 user(s)
Ethernet LAN data rates	10,100,1000 Mbit/s	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
Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS, IPSec	Pallet dimensions (W x D x H)	1200 x 800 x 2083 mm
Mobile printing technologies	Mopria Print Service, Apple AirPrint	Recommended system requirements	2 GB available hard disk space; Internet connection; or USB port; Internet browser.
Performance		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
Maximum internal memory	6144 MB	Pallet dimensions (W x D x H) (imperial)	1198.9 x 800.1 x 2082.8 mm (47.2 x 31.5 x 82")
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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