



HP Color LaserJet Enterprise M455dn

Brand : HP

Product family: Color LaserJet Enterprise **Product code:** 3PZ95A#B19

Product name : Color LaserJet Enterprise M455dn



- Compact Size; Strong Security; Energy Efficient; Two-sided printing
 - Print
 - Up to 27 ppm (black) and 27 ppm (colour)
 - Up to 600 x 600 dpi
- Color LaserJet Enterprise M455dn

HP Color LaserJet Enterprise M455dn:

HP's entry-level Enterprise-class color printer with speeds up to 28 ppm^[8] and strongest security.^[1]

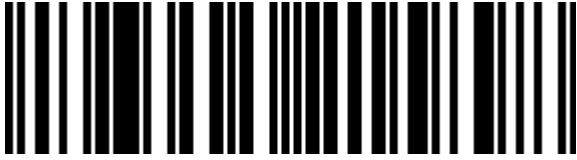
Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain 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		Power	
Duplex printing mode	Auto	Power consumption (off)	0.08 W
Print resolution colour	600 x 600 DPI	Energy Star Typical Electricity Consumption (TEC)	0.437 kWh/week
Print resolution black	600 x 600 DPI	AC input voltage	220 - 240 V
Print speed (colour, normal quality, A4/US Letter)	27 ppm	AC input frequency	50/60 Hz
Colour *	✓	System requirements	
Print technology *	Laser	Windows operating systems supported	Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
Duplex printing *	✓	Mac operating systems supported	Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, MacOS
Maximum resolution *	600 x 600 DPI	Other operating systems supported	Android, iOS
Print speed (black, normal quality, A4/US Letter) *	27 ppm	Operational conditions	
Warm-up time	180 s	Operating temperature (T-T)	15 - 32.5 °C
Time to first page (black, normal)	9.5 s	Storage temperature (T-T)	-20 - 40 °C
Time to first page (colour, normal)	11 s	Operating relative humidity (H-H)	30 - 70%
Watermark printing	✓	Sustainability	
Secure printing	✓	Sustainability compliance	✓
Features		Sustainability certificates	ENERGY STAR, Blue Angel, EPEAT Silver
Maximum duty cycle *	55000 pages per month	Sustainable technologies and materials	Mercury-free
Recommended duty cycle	900 - 4800 pages per month	Doesn't contain	Mercury
Printing colours *	Black, Cyan, Magenta, Yellow	Carbon footprint	
Number of print cartridges *	4	Total carbon footprint (kg of CO2e)	270
Page description languages *	PDF 1.7, PCL 5, PCL 6	Carbon emissions, manufacturing (kg of CO2e)	212
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript	Carbon emissions, logistics (kg of CO2e)	8
Country of origin	Vietnam	Carbon emissions, end-of-life (kg of CO2e)	30

Features		Carbon footprint	
Replacement cartridges	HP 415A Black Original LaserJet Toner Cartridge (2,400 pages) W2030A, HP 415A Cyan Original LaserJet Toner Cartridge (2,100 pages) W2031A, HP 415A Yellow Original LaserJet Toner Cartridge (2,100 pages) W2032A, HP 415A Magenta Original LaserJet Toner Cartridge (2,100 pages) W2033A, HP 415X High Yield Black Original LaserJet Toner Cartridge (7,500 pages) W2030X, HP 415X High Yield Cyan Original LaserJet Toner Cartridge (6,000 pages) W2031X, HP 415X High Yield Yellow Original LaserJet Toner Cartridge (6,000 pages) W2032X, HP 415X High Yield Magenta Original LaserJet Toner Cartridge (6,000 pages) W2033X	Total carbon emissions, w/o use phase (kg of CO2e)	15
	HP segment	Business	
Input & output capacity		Weight & dimensions	
Total number of input trays *	2	Width	413.6 mm
Total input capacity *	300 sheets	Depth	472 mm
Total output capacity *	150 sheets	Height	304.4 mm
Paper tray 1 input capacity	50 sheets	Pallet dimensions (W x D x H)	1200 x 1000 x 2483 mm
Paper tray 2 input capacity	250 sheets	Weight	18.9 kg
Multi-Purpose tray	✓	Packaging data	
Multi-Purpose tray input capacity	50 sheets	Package width	497 mm
Maximum number of input trays	3	Package depth	379 mm
Maximum input capacity	850 sheets	Package height	583 mm
Maximum output capacity	150 sheets	Package weight	21.6 kg
Paper handling		Packaging content	
Maximum ISO A-series paper size *	A4	Cartridge(s) included	✓
Paper tray media types *	Plain paper, Glossy paper, Bond paper, Photo paper, Recycled paper, Envelopes, Labels, Rough paper, Postcard	Included cartridge capacity (black)	24000 pages
ISO A-series sizes (A0...A9) *	A4, A5, A6	Included cartridge capacity (CMY)	2100 pages
ISO B-series sizes (B0...B9)	B5	Cables included	AC
ISO C-series sizes (C0...C9)	C5, C6	Brand-specific features	
Non-ISO print media sizes	16K	HP Auto-On/Auto-Off	✓
JIS B-series sizes (B0...B9)	B5, B6	HP Dynamic security	✓
Envelopes sizes	B5, C5, C6, DL	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, 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 FIPS40 validated cryptographic libraries from Microsoft), SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code, Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs)	
Photo paper sizes	10x15 cm	HP Security tools	(ABT) 193905215867; (ABY) 193905215874; (ACQ) 193905215881; (B13) 193905481590; (B19) 193905215898; (BAZ) 193905215904
Custom media width	76 - 216 mm	HP GTIN (EAN/UPC) with options	193905215867, 193905215874, 193905215881, 193905481590, 193905215898, 193905215904
Custom media length	127 - 356 mm	HP GTIN (EAN/UPC)	
Paper tray media weight	60 - 200 g/m ²	Logistics data	
Ports & interfaces		Harmonized System (HS) code	84433210
USB port *	✓	Pallet gross weight	538.8 kg
USB 2.0 ports quantity	3	Layers per pallet	3 pc(s)
Network		Products per pallet	18 pc(s)
Network ready	✓		
Wi-Fi *	✓		
Ethernet LAN *	✓		
Cabling technology	10/100Base-T(X)		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Wi-Fi Direct	✓		
Bluetooth	✓		
Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, HTTPS		
Mobile printing technologies	Mopria Print Service, HP ePrint, Apple AirPrint		

Performance		Technical details	
Internal memory *	1280 MB	<small>Master (outer) cases per pallet layer: 6 pcs/3 Compliance certificates: CECP, GS mark, CCC, BIS, dSL, UL, CE, BSMI General Product Safety Regulation (GPSR) URL: https://support.hp.com/gb-en/product/setup-guides/hp-color-laserjet-enterprise-m455-series/model/22732194?sku=3P295A&serialnumber=3P295A https://kaas.hpcloud.hp.com/pdf-public/pdf_2967985_en-US-1.pdf</small>	
Maximum internal memory	1280 MB	Other features	
Built-in processor	✓	Recommended system requirements	2 GB available hard disk space Internet connection or USB port Internet browser. 2 GB available hard disk space Internet connection or USB port Internet browser.
Processor frequency	800 MHz	Recommended humidity operating range	10 - 90%
Sound pressure level (printing)	48 dB	Power supply type	Internal (built-in) Power Supply
Sound power level (printing)	5.9 dB	Recommended operating temperature range (T-T)	15 - 27 °C
Design		Custom media sizes	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 98 x 148 to 216 x 356 mm; Optional Tray: 98 x 148 to 216 x 356 mm
Market positioning *	Business	Envelope feeder	No
Product colour *	White	Electromagnetic compatibility	CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013; Other EMC approvals as required by individual countries.
Built-in display *	✓	Compatible operating systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina
Display	LCD	Pallet dimensions (W x D x H) (imperial)	1199.9 x 1000 x 2483.1 mm (47.2 x 39.4 x 97.8")
Colour display	✓	Pallet weight (imperial)	538.8 kg (1187.8 lbs)
Display diagonal	6.86 cm (2.7")	Acoustic power emissions (ready)	45 dB
Control type	Touch	Acoustic pressure emissions bystander (ready)	33 dB
Certification	CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013; Other EMC approvals as required by individual countries.	Typical electricity consumption (TEC) number	0.437 kWh/Week (Energy Star 3.0)
Power		UNSPSC-code	43212105
Power consumption (printing) *	574 W	Box contents	HP Color LaserJet Enterprise M455dn printer; HP Black Original Laserjet Toner Cartridge (~2,400 pages); HP Cyan, Magenta, Yellow Original Laserjet Toner Cartridges (~2,100 pages each); Getting started Guide; 1 Power cord
Power consumption (ready)	16.7 W	Printing	Colour printing
Power consumption (PowerSave)	0.08 W	Manufacturer warranty	One-year, On-site Repair 24-hour / 7 day a week phone support



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