



HP LaserJet Color Managed E45028dn Colour 600 x 600 DPI A4 Wi-Fi

Brand : HP

Product family: LaserJet

Product code: 3QA35A#B19

Product name : Color LaserJet Managed E45028dn

- Strong Security; Compact Size; Energy Efficient; Two-sided printing; Front-facing USB printing
 - Print
 - Print speed up to 27 ppm (black) and 27 ppm (colour)
 - Up to 600 x 600 dpi
- Color LaserJet Managed E45028dn

HP LaserJet Color Managed E45028dn Colour 600 x 600 DPI A4 Wi-Fi:

HP Managed MFPs and printers are optimised for managed environments. With increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

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		Design	
Duplex printing mode	Auto	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.
Print resolution colour	600 x 600 DPI		
Print resolution black	600 x 600 DPI		
Print speed (colour, normal quality, A4/US Letter)	27 ppm		
Colour *	✓		
Print technology *	Laser		
Duplex printing *	✓		
Maximum resolution *	600 x 600 DPI		
Print speed (black, normal quality, A4/US Letter) *	27 ppm		
Print speed (black, normal quality, A3)	29 ppm		
Warm-up time	180 s	Power	
Warm-up time (from sleep mode)	180 s		
Time to first page (black, normal)	9.5 s		
Time to first page (colour, normal)	11 s		
Watermark printing	✓		
Secure printing	✓	System requirements	
Features			
Maximum duty cycle *	65000 pages per month		
Recommended duty cycle	1500 - 7500 pages per month		
Printing colours *	Black, Cyan, Magenta, Yellow		
Number of print cartridges *	4		
Page description languages *	PDF 1.7, PCL 5, PCL 6		
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript	Operational conditions	
Country of origin	China, Vietnam, Japan		
		Sustainability	
		Sustainability compliance	✓

Features		Sustainability	
Replacement cartridges	HP Black Managed Original LaserJet Toner Cartridge (~8600 pages) W9090MC; HP Cyan Managed Original LaserJet Toner Cartridge (~6900 pages) W9091MC; HP Yellow Managed Original LaserJet Toner Cartridge (~6900 pages) W9092MC; HP Magenta Managed Original LaserJet Toner Cartridge (~6900 pages) W9093MC	Sustainability certificates	ENERGY STAR, Blue Angel, EPEAT Silver
HP segment	Business	Sustainable technologies and materials	Mercury-free
		Doesn't contain	Mercury
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 (sheets)	850 sheets	Package height	583 mm
Maximum output capacity (sheets)	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)	2100 pages
ISO A-series sizes (A0...A9) *	A4, A5, A6	Included cartridge capacity (CMY)	2400 pages
ISO B-series sizes (B0...B9)	B5	Cables included	AC
ISO C-series sizes (C0...C9)	C5, C6	Special 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 FIPS 140 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		
Custom media width	76 - 216 mm		
Custom media length	127 - 356 mm		
Paper tray media weight	60 - 200 g/m²		
Ports & interfaces		HP Security tools	
Direct printing *	✓		
USB port *	✓		
USB 2.0 ports quantity	3		
USB connector	USB Type-A		
Network		Logistics data	
Network ready	✓	Pallet gross weight	538.8 kg
Wi-Fi *	✓	Layers per pallet	3 pc(s)
Ethernet LAN connection *	✓	Products per pallet	18 pc(s)
Cabling technology	10/100/1000Base-T(X)		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Wi-Fi Direct	✓		
Bluetooth	✓		
Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS	Technical details	
Mobile printing technologies	Mopria Print Service, HP ePrint, Apple AirPrint	Master (outer) cases per pallet layer	6 pc(s)
Performance		Compliance certificates	CECP, GS mark, CCC, BIS, cUL, UL, CE, BSMI
Internal memory *	1280 MB		
Maximum internal memory	1280 MB		
Internal storage capacity	4 GB		
Built-in processor	✓		

Performance		Other features	
Processor frequency	800 MHz	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.
Sound pressure level (printing)	48 dB		
Sound power level (printing)	5.9 dB		
Design		Operating humidity range	10 - 90%
Market positioning *	Business	Power supply type	Internal (built-in) Power Supply
Product colour *	White	Recommended operating temperature range	15 - 27 °C
Built-in display *	✓	Media sizes, custom	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
Display	LCD		
Colour display	✓		
Display diagonal	6.86 cm (2.7")	Standard output capacity for envelopes	20 sheets
Control type	Touch	Envelope feeder	No
		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.
		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
		Printing	Colour printing
		Pallet dimensions (W x D x H) (imperial)	1199.9 x 1000 x 2483.1 mm (47.2 x 39.4 x 97.8")
		Pallet weight (imperial)	538.8 kg (1187.8 lbs)
		Media sizes supported	10 x 15 cm
		Standard input capacity for envelopes	15 sheets
		Acoustic power emissions (ready)	45 dB
		Acoustic pressure emissions bystander (ready)	33 dB
		Typical electricity consumption (TEC) number	Blue Angel: 1.105 kWh/week; Energy Star 3.0: 0.437 kWh/week
		UNSPSC-code	43212105
		Maximum print length (imperial)	212 x 352 mm
		Box contents	HP Color LaserJet Managed E45028dn printer; HP Black Original LaserJet Toner Cartridge (~2,400 pages) HP Cyan, Magenta, Yellow Original LaserJet Toner Cartridges (~2,100 pages each); Fixed-Size Paper Tray Guides; Getting started Guide; 1 Power cord



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