



## HP Color LaserJet Enterprise M856dn, Print, Two-sided printing

**Brand :** HP

**Product family:** Color LaserJet Enterprise **Product code:** T3U51A

**Product name :** HP Color LaserJet Enterprise M856dn, Print, Two-sided printing

- Two-sided printing
  - Print
  - Print speed up to 55 ppm (black) and 55 ppm (colour)
  - Up to 1200 x 1200 dpi
- Color LaserJet Enterprise M856dn

### HP Color LaserJet Enterprise M856dn, Print, Two-sided printing:

Print phenomenal colour while maximising uptime - now with original HP JetIntelligence toner technology. Expect consistently fast output, brilliant prints, and the world's strongest security.<sup>[1]</sup>

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	Sound pressure level (printing)	53 dB
Print resolution colour	1200 x 1200 DPI	Sound power level (printing)	6.8 dB
Print resolution black	1200 x 1200 DPI	<b>Design</b>	
Print speed (colour, normal quality, A4/US Letter)	56 ppm	Market positioning *	Business
Colour *	✓	Product colour *	White
Print technology *	Laser	Built-in display *	✓
Duplex printing *	✓	Display	CGD
Maximum resolution *	1200 x 1200 DPI	Colour display	✓
Print speed (black, normal quality, A4/US Letter) *	56 ppm	Display diagonal	10.9 cm (4.3")
Print speed (black, normal quality, A3)	26 ppm	Touchscreen	✓
Print speed (colour, normal quality, A3)	26 ppm	Control type	Touch
Warm-up time	150 s	Certification	CISPR 22:2008 (International) - Class A, CISPR32:2012 (International) - Class A, EN 55032:2012 (EU) - Class A, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010, EMC Directive 2014/30/EU, FCC CFR 47 Part 15 Class A/ICES-003, Issue 6 Class A. Other EMC approvals as required by individual countries.
Time to first page (black, normal)	5.9 s		
Time to first page (colour, normal)	6.3 s	<b>Power</b>	
Watermark printing	✓	Power consumption (printing) *	870 W
Secure printing	✓	Power consumption (ready)	77 W
<b>Features</b>		Power consumption (PowerSave)	0.08 W
Maximum duty cycle *	250000 pages per month	Power consumption (off)	0.08 W
Recommended duty cycle	0 - 50000 pages per month	Energy Star Typical Electricity Consumption (TEC)	0.725 kWh/week
Printing colours *	Black, Cyan, Magenta, Yellow	AC input voltage	100 - 240 V
Number of print cartridges *	4	AC input frequency	50/60 Hz
Page description languages *	PCL 5, PCL 6, PDF 1.7, PostScript 3		
Printer fonts	PostScript, Scalable, Barcode, TrueType		
Country of origin	Japan		

Features		System requirements	
Replacement cartridges	W2010A HP 659A Black LaserJet Toner Cartridge (16,000 pages);	Windows operating systems supported	Windows 7, Windows 8.1, Windows 10, Windows 8, Windows 11
	W2011A HP 659A Cyan LaserJet Toner Cartridge (13,000 pages);	Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.13 High Sierra
	W2012A HP 659A Yellow LaserJet Toner Cartridge (13,000 pages);	Linux operating systems supported	✓
	W2013A HP 659A Magenta LaserJet Toner Cartridge (13,000 pages);	Other operating systems supported	Android, iOS
	W2010X HP 659X Black LaserJet Toner Cartridge (34,000 pages);	<b>Operational conditions</b>	
	W2011X HP 659X Cyan LaserJet Toner Cartridge (29,000 pages);	Operating temperature (T-T)	10 - 32.5 °C
	W2012X HP 659X Yellow LaserJet Toner Cartridge (29,000 pages);	Storage temperature (T-T)	-20 - 40 °C
	W2013X HP 659X Magenta LaserJet Toner Cartridge (29,000 pages);	Operating relative humidity (H-H)	10 - 80%
	W2004A HP 660A Original LaserJet Imaging Drum (65,000 pages, universal for all 4 colours)	<b>Sustainability</b>	
HP segment	Business	Sustainability compliance	✓
<b>Input &amp; output capacity</b>		Sustainability certificates	EPEAT Silver, ENERGY STAR, Blue Angel
Total number of input trays *	2	Sustainable technologies and materials	Mercury free
Total input capacity *	650 sheets	Doesn't contain	Mercury
Total output capacity *	500 sheets	<b>Weight &amp; dimensions</b>	
Paper tray 1 input capacity	100 sheets	Width	556 mm
Paper tray 2 input capacity	550 sheets	Depth	610 mm
Paper input type	Paper tray	Height	520 mm
Multi-Purpose tray	✓	Pallet dimensions (W x D x H)	790 x 760 x 2107 mm
Multi-Purpose tray input capacity	100 sheets	Weight	52.3 kg
Maximum number of input trays	6	<b>Packaging data</b>	
Maximum input capacity	4450 sheets	Package width	786 mm
Maximum output capacity	500 sheets	Package depth	736 mm
<b>Paper handling</b>		Package height	652 mm
Maximum ISO A-series paper size *	A3	Package weight	59.5 kg
Paper tray media types *	Thick paper, Envelopes, Heavy paper, Plain paper, Card stock, Transparencies, Labels, Recycled paper, Glossy paper	<b>Packaging content</b>	
	ISO A-series sizes (A0...A9) *	A3, A4, A5, A6	Cartridge(s) included
ISO B-series sizes (B0...B9)	B5	Included cartridge capacity (black)	16000 pages
ISO C-series sizes (C0...C9)	C5, C6	Included cartridge capacity (CMY)	13000 pages
Non-ISO print media sizes	Oficio, 16K	Quick start guide	✓
JIS B-series sizes (B0...B9)	B4, B5, B6	Cables included	AC
Envelopes sizes	B5, C5, C6, DL	<b>Brand-specific features</b>	
Custom media width	64 - 320 mm	HP ePrint	✓
Custom media length	127 - 457.2 mm	HP Web Jetadmin	✓
Paper tray media weight	60 - 256 g/m <sup>2</sup>	HP Auto-On/Auto-Off	✓
Multi-Purpose Tray media weight	60 - 300 g/m <sup>2</sup>	HP GTIN (EAN/UPC) with options	(ABT) 193015438231; (ABY) 193015438248; (ACQ) 193015438255; (B13) 193015438262; (B19) 193015438279; (BAZ) 193015438286
<b>Ports &amp; interfaces</b>		HP GTIN (EAN/UPC)	193015438231, 193015438248, 193015438255, 193015438262, 193015438279, 193015438286
USB port *	✓	<b>Logistics data</b>	
USB 2.0 ports quantity	3	Harmonized System (HS) code	84433210
<b>Network</b>		Pallet gross weight	188.44 g
Wi-Fi *	✗	Layers per pallet	3 pc(s)
Ethernet LAN *	✓	Products per pallet	3 pc(s)
Cabling technology	10/100/1000Base-T(X)	<b>Technical details</b>	
Ethernet LAN data rates	10,100,1000 Mbit/s	Master (outer) cases per pallet layer	1 pc(s)
Security algorithms	PEAP, SNMPv3, EAP-TLS, IPsec, WPA2-Enterprise, FIPS 140, SSL/TLS, FIPS 140-2	<b>Other features</b>	
Mobile printing technologies	Google Cloud Print, Apple AirPrint, HP ePrint, Mopria Print Service	Recommended system requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser.
<b>Performance</b>			
Internal memory *	1536 MB		
Maximum internal memory	3584 MB		

**Performance**

Memory slots	1
Internal storage capacity	16 GB
Built-in processor	✓
Processor frequency	1200 MHz

**Other features**

Recommended humidity operating range	30 - 70%
Acoustic power emissions (ready)	49 dB
Acoustic pressure emissions bystander (ready)	33 dB



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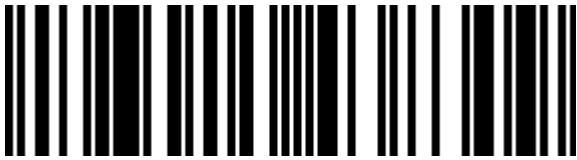
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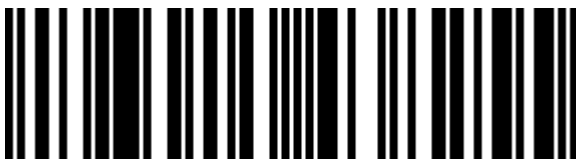
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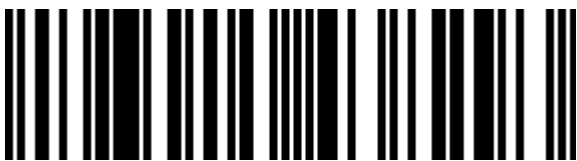
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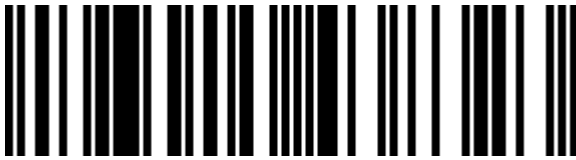
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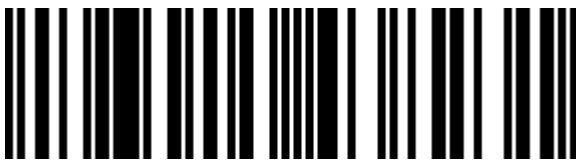
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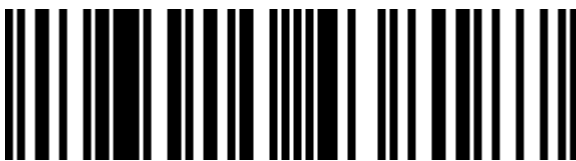
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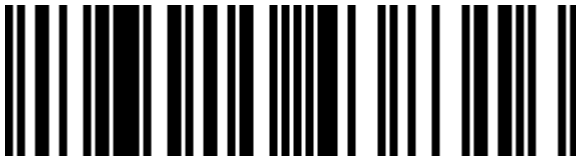
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