# HP Color LaserJet Enterprise M856dn



**Brand :** HP

**Product family:** Color LaserJet Enterprise

**Product code:** T3U51A#B19

**Product name :** Color LaserJet Enterprise M856dn

- 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 phenomenal colour while maximising uptime – now with original HP JetIntelligence toner technology. Expect consistently fast output, brilliant prints, and the world's 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 | |
|---|---|
| Duplex printing mode | Auto |
| Print resolution colour | 1200 x 1200 DPI |
| Print resolution black | 1200 x 1200 DPI |
| Print speed (colour, normal quality, A4/US Letter) | 56 ppm |
| Colour * | ✔ |
| Print technology * | Laser |
| Duplex printing * | ✔ |
| Maximum resolution * | 1200 x 1200 DPI |
| Print speed (black, normal quality, A4/US Letter) * | 56 ppm |
| Print speed (black, normal quality, A3) | 26 ppm |
| Print speed (colour, normal quality, A3) | 26 ppm |
| Warm-up time | 150 s |
| Time to first page (black, normal) | 5.9 s |
| Time to first page (colour, normal) | 6.3 s |
| Watermark printing | ✔ |
| Secure printing | ✔ |

| Features | |
|---|---|
| Maximum duty cycle * | 250000 pages per month |
| Recommended duty cycle | 0 - 50000 pages per month |
| Printing colours * | Black, Cyan, Magenta, Yellow |
| Number of print cartridges * | 4 |
| Page description languages * | PostScript 3, PDF 1.7, PCL 6 |
| Printer fonts | Scalable, TrueType, Windows, PCL, PostScript, Barcode |
| Country of origin | Japan |

| Power | |
|---|---|
| AC input voltage | 220 - 240 V |
| AC input frequency | 50/60 Hz |

| System requirements | |
|---|---|
| Windows operating systems supported | Windows 7 Ultimate x64, Windows 7 Ultimate, Windows 7 Starter x64, Windows 7 Starter, Windows 7 x64, Windows 7, Windows 8 x64, Windows 8, Windows 8.1 x64, Windows 8.1, Windows 10 x64, Windows 10 |
| 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 |
| Linux operating systems supported | ✔ |
| Other operating systems supported | Android, iOS |

| Operational conditions | |
|---|---|
| Operating temperature (T-T) | 10 - 32.5 °C |
| Storage temperature (T-T) | -20 - 40 °C |
| Operating relative humidity (H-H) | 10 - 80% |

| Sustainability | |
|---|---|
| Sustainability compliance | ✔ |
| Sustainability certificates | ENERGY STAR, Blue Angel, EPEAT Silver |
| Sustainable technologies and materials | Mercury free |
| Doesn't contain | Mercury |

| Carbon footprint | |
|---|---|
| Total carbon footprint (kg of CO2e) | 810 |

## Features

| | |
|---|---|
| Replacement cartridges | W2010A HP 659A Black LaserJet Toner Cartridge (16,000 pages); W2011A HP 659A Cyan LaserJet Toner Cartridge (13,000 pages); W2012A HP 659A Yellow LaserJet Toner Cartridge (13,000 pages); W2013A HP 659A Magenta LaserJet Toner Cartridge (13,000 pages); W2010X HP 659X Black LaserJet Toner Cartridge (34,000 pages); W2011X HP 659X Cyan LaserJet Toner Cartridge (29,000 pages); W2012X HP 659X Yellow LaserJet Toner Cartridge (29,000 pages); W2013X HP 659X Magenta LaserJet Toner Cartridge (29,000 pages); W2004A HP 660A Original LaserJet Imaging Drum (65,000 pages, universal for all 4 colours) |
| HP segment | Business |

## Input & output capacity

| | |
|---|---|
| Total number of input trays * | 2 |
| Total input capacity * | 650 sheets |
| Total output capacity * | 500 sheets |
| Paper tray 1 input capacity | 100 sheets |
| Paper tray 2 input capacity | 550 sheets |
| Paper input type | Paper tray |
| Multi-Purpose tray | ✔ |
| Multi-Purpose tray input capacity | 100 sheets |
| Maximum number of input trays | 6 |
| Maximum input capacity | 4450 sheets |
| Maximum output capacity | 500 sheets |

## Paper handling

| | |
|---|---|
| Maximum ISO A-series paper size * | A3 |
| Paper tray media types * | Plain paper, Glossy paper, Recycled paper, Envelopes, Card stock, Labels, Transparencies, Heavy paper, Lightweight paper |
| ISO A-series sizes (A0...A9) * | A3, A4, A5, A6 |
| ISO B-series sizes (B0...B9) | B5 |
| ISO C-series sizes (C0...C9) | C5, C6 |
| Non-ISO print media sizes | Oficio, 16K |
| JIS B-series sizes (B0...B9) | B4, B5, B6 |
| Envelopes sizes | B5, C5, C6, DL |
| Custom media width | 64 - 320 mm |
| Custom media length | 127 - 457.2 mm |
| Paper tray media weight | 60 - 256 g/m² |
| Multi-Purpose Tray media weight | 60 - 300 g/m² |

## Ports & interfaces

| | |
|---|---|
| Direct printing * | ✔ |
| USB port * | ✔ |
| USB 2.0 ports quantity | 4 |

## Network

| | |
|---|---|
| Network ready | ✔ |
| Wi-Fi * | ✔ |
| Ethernet LAN * | ✔ |
| Cabling technology | 10/100/1000Base-T(X) |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Bluetooth | ✔ |
| Security algorithms | SNMPv3, SSL/TLS, WPA2-Enterprise, EAP-PEAP, EAP-TLS, IPSec |
| Mobile printing technologies | Mopria Print Service, HP ePrint, Apple AirPrint, Google Cloud Print |

## Carbon footprint

| | |
|---|---|
| Carbon emissions, manufacturing (kg of CO2e) | 514 |
| Carbon emissions, logistics (kg of CO2e) | 68 |
| Total carbon emissions, w/o use phase (kg of CO2e) | 206 |

## Weight & dimensions

| | |
|---|---|
| Width | 556 mm |
| Depth | 610 mm |
| Height | 520 mm |
| Pallet dimensions (W x D x H) | 790 x 760 x 2107 mm |
| Weight | 52.3 kg |

## Packaging data

| | |
|---|---|
| Package width | 786 mm |
| Package depth | 736 mm |
| Package height | 652 mm |
| Package weight | 59.5 kg |

## Packaging content

| | |
|---|---|
| Cartridge(s) included | ✔ |
| Included cartridge capacity (black) | 16000 pages |
| Included cartridge capacity (CMY) | 13000 pages |
| Quick start guide | ✔ |
| Cables included | AC |

## Brand-specific features

| | |
|---|---|
| HP ePrint | ✔ |
| HP Web Jetadmin | ✔ |
| HP Auto-On/Auto-Off | ✔ |
| HP Dynamic security | ✔ |
| HP Security tools | Management security: SNMPv3, Web Services over port 7627, SSL/TLS TLS 1.0/1.1/1.2, FIPS 140-2, Certificate Management, Embedded Web Server, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in |
| HP GTIN (EAN/UPC) with options | (ABT) 193015438231; (ABY) 193015438248; (ACQ) 193015438255; (B13) 193015438262; (B19) 193015438279; (BAZ) 193015438286 |
| HP GTIN (EAN/UPC) | 193015438231, 193015438248, 193015438255, 193015438262, 193015438279, 193015438286 |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 84433210 |
| Pallet gross weight | 188.4 kg |
| Layers per pallet | 3 pc(s) |
| Products per pallet | 3 pc(s) |

**Technical details**

| | |
|---|---|
| Master (outer) cases per pallet layer | 1 pc(s) |
| Compliance certificates | CECP |
| General Product Safety Regulation (GPSR) URL | https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laserjet-enterprise-m856-printer-series/model/21298870?sku=T3U51A ; https://h10032.www1.hp.com/ctg/Manual/c06366062.pdf |

## Other features

| | |
|---|---|
| Recommended system requirements | 2 GB available hard disk space; Internet connection; USB port; Internet browser. 2 GB available hard drive space; Internet connection or USB port. |

## Performance

| | |
|---|---|
| Internal memory * | 1536 MB |
| Maximum internal memory | 3584 MB |
| Memory slots | 1 |
| Internal storage capacity | 16 GB |
| Card reader integrated | ✗ |
| Built-in processor | ✓ |
| Processor frequency | 1200 MHz |
| Sound pressure level (printing) | 53 dB |
| Sound power level (printing) | 6.8 dB |

## Design

| | |
|---|---|
| Market positioning * | Business |
| Product colour * | White |
| Built-in display * | ✓ |
| Display | CGD |
| Colour display | ✓ |
| Display diagonal | 10.9 cm (4.3") |
| Touchscreen | ✓ |
| Control type | Buttons, Touch |
| Certification | CISPR 22:2008 (International) - Class A, CISPR 32:2012 (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. Other EMC approvals as required by individual countries. |

## Power

| | |
|---|---|
| Power consumption (printing) * | 870 W |
| Power consumption (ready) | 77 W |
| Power consumption (PowerSave) | 0.7 W |
| Power consumption (off) | 0.08 W |
| Energy Star Typical Electricity Consumption (TEC) | 2.669 kWh/week |

## Other features

| | |
|---|---|
| Recommended humidity operating range | 30 - 70% |
| Recommended operating temperature range (T-T) | 15 - 27 °C |
| Custom media sizes | 100 sheet multipurpose Tray 1: 64 x 127 to 320 x 457.2 mm; 550 sheet input Tray 2: 148 x 148 to 297 x 431.8 mm; Optional 1 x 550 and 2 x 550 tray and stand: 148 x 148 to 320 x 457.2 mm; Optional 2,700 sheet HCI paper tray and stand: 279.4 x 210 mm to 297 x 215.9 |
| Envelope feeder | No |
| Electromagnetic compatibility | CISPR 22:2008 (International) - Class A, CISPR 32:2012 (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. Other EMC approvals as required by individual countries. |
| Compatible operating systems | Windows Client OS (32/64-bit): Win10, Win8.1, Win7 Starter Edition SP1, UPD Win7 Ultimate; Mobile OS: iOS, Android; Apple macOS High Sierra v10.13, Apple macOS Mojave v10.14, Mac: Apple macOS Catalina v10.15; Discrete PCL6 Printer Driver: For more information on the supported operating systems go to http://www.support.hp.com, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) User Guide, Search for the Supported Operating Systems section; UPD PCL6 / PS Printer Drivers: For more information on the supported operating systems go to http://www.support.hp.com, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) User Guide, Search for the Supported Operating Systems section; UPD PCL6 / PS Printer Drivers, Supported Operating systems: For more information on the supported operating systems see http://www.hp.com/go/upd |
| Pallet dimensions (W x D x H) (imperial) | 789.9 x 760 x 2106.7 mm (31.1 x 29.9 x 82.9") |
| Pallet weight (imperial) | 188.4 kg (415.4 lbs) |
| Acoustic power emissions (ready) | 49 dB |
| Acoustic pressure emissions bystander (ready) | 33 dB |
| Typical electricity consumption (TEC) number | Blue Angel: 2.669 kWh/Week; Energy Star 3.0: 0.725 kWh/Week |
| UNSPSC-code | 43212105 |
| Box contents | HP Color LaserJet Enterprise M856dn printer; HP Black Original LaserJet Toner Cartridge (16,000 pages), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (13,000 pages each); 4 HP Original LaserJet Imaging Drums (65,000 pages each colour); Getting started Guide; 1 Power cord |
| Printing | Colour printing |
| Processor frequency | 1.2 GHz |



0193015438279



193015438279

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 12-APR-2026. Prints or copies of Information are only valid on the printed Publication date