



HP Color LaserJet Enterprise M856dn (T3U51A)



Overview

Print phenomenal color while maximizing uptime, plus original HP JetIntelligence toner technology.

Print phenomenal color while maximizing uptime – now with original HP JetIntelligence toner technology. Expect consistently fast output, brilliant prints, and the world's strongest security.[1]

Work stands out with exceptional color performance

Special print mode for a wider color range and extra vividness for documents and marketing materials.

Minimal interruptions. Maximum productivity.

Change the toner and drum in seconds. Both are easily accessible and come already installed out of the box.

The world's most secure printing[1]

Each printer in your fleet checks its operating code and repairs itself from attacks.

Built with the environment in mind.

Benefit from reduced energy consumption and increased sustainability, up to 78% over predecessors.[3]

Features

Premium color using Enhanced print mode

Original HP toner and drums with JetIntelligence—
and HP ColorSphere 3

Print speeds up to 55/56 ppm

Wide range of paper-handling accessories

Fast first-page printing with first page out as fast as
5.9 seconds

Fast, easy supplies replacement

[1] Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims>

[3] Based on HP Internal testing using normalized TEC Value, 2019.

Specifications

| | |
|--|--|
| Print Resolution Technologies | HP ImageREt 4800, Enhanced (600 x 600 dpi), Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi), Pantone Calibrated |
| Print quality black (best) | Up to 1200 x 1200 dpi |
| Print quality color (best) | Up to 1200 x 1200 dpi |
| Print speed black (ISO, A4) | Up to 56 ppm |
| Print speed black (ISO, letter) | Up to 56 ppm |
| Print Speed Color (ISO) | Up to 56 ppm |
| Print speed color (ISO) | Up to 56 ppm |
| Print speed | Print speed up to 55 ppm (black) and 55 ppm (color) |
| Bottom margin (A4) | 5 mm |
| Left margin (A4) | 5 mm |
| Right margin (A4) | 5 mm |
| Top margin (A4) | 5 mm |
| Functions | Print |
| Duplex printing | Automatic (standard) |
| Duty cycle (monthly, A4) | Up to 250,000 pages |
| Duty cycle (monthly, letter) | Up to 250,000 pages ^[13] |
| Printer smart software features | Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB, HP EasyColor |
| Energy savings feature technology | HP Auto-On/Auto-Off Technology; Instant-on Technology |
| 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 colors) ^[8] |
| Supplies feature | HP JetIntelligence Cartridge |
| Connectivity, standard | 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 rear host ports; 1 walkup USB 2.0 host port; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network port; 1 Hardware Integration Pocket 2nd generation (HIP2) |
| Connectivity, optional | HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A |

| | |
|--|--|
| Network capabilities | Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional), second Ethernet port (optional) |
| Wireless capability | Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A |
| Mobile printing capability | HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified |
| Network protocols, supported | Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, Syslog; Security: SNMPv3, SSL Cert Management, IPSec/Firewall, ACL, 802.1x |
| Software included | No software solutions are included in the Box only on http://hp.com , http://123.hp.com |
| Compatible Operating Systems | Windows 11; Windows Client OS; Windows 10; Windows 8.1; Windows 7; Mobile OS; iOS; Android; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina |
| Sustainable impact specifications | Mercury free |
| Energy star certified | Yes |
| Ecolabels | CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified |
| Blue Angel compliant | Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies |
| Display area (imperial) | 3.74 x 2.32 in |
| Display area (metric) | 95.04 mm x 53.86 mm |
| Display | 4.3-in(10.92 cm) Color Graphics Display(CGD) with touchscreen; rotating (adjustable angle) |
| Minimum dimensions (W x D x H) | 556 x 610 x 520 mm <i>(With no accessories and multi-purpose tray closed)</i> |
| Minimum dimensions (W x D x H) | 21.89 x 24.02 x 20.47 in <i>(With no accessories and multi-purpose tray closed)</i> |
| Weight | 52.3 kg ^[5] <i>(With print cartridges)</i> |
| Weight | 115.3 lb <i>(With print cartridges)</i> |
| Power consumption | 870 watts (printing), 77 watts (Ready), 0.7 watts (Sleep), 0.7 watts (HP Auto-Off/Auto On), 0.08 watts (Auto-Off), 0.08 watts (Off) ^[6] |
| Power supply type | Built-in 115V or 220V Power Supply |

What's in the box

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), and 4 HP Original LaserJet Imaging Drums (~65,000 pages each color); Getting started Guide; 1 Power cord^[3]

Manufacturer Warranty

One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (Warranty Code 4G; Warranty ID A001)

Additional specifications

| | |
|---|--|
| Accessories | HP LaserJet 550 Sheet Paper Tray T3V27A, HP LaserJet Stand T3V28A, HP LaserJet 2x550 Sheet Paper Tray and Stand T3V29A, HP LaserJet 2700 Sheet HCI Paper Tray and Stand T3V30A, HP Secure High Performance Hard Disk B5L29A, HP TAA Version Secure Hard Disk Drive 5EL03A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP 1 GB DDR3x32 144-Pin 800 MHz SODIMM Accessory E5K48A, HP 2 GB DDR3x32 144-Pin 800 MHz SODIMM Accessory E5K49A, HP Smartcard NIPRNet Solution CC543B, HP Smartcard SIPRNet Solution F8B30A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, HP USB Universal Card Reader X3D03A, HP HIP2 Keystroke Reader Y7C05A, HP Legic Reader 4QL32A, HP DDR3x32 144-Pin 800 MHz DIMM TAA 2NR09A, HP Accessibility Assistant 2MU47A |
| Acoustic power emissions (active, printing) | 6.8 B(A) |
| Acoustic power emissions (ready) | 4.9 B(A) |
| Acoustic power note | Acoustic values are subject to change. For current information see http://www.hp.com/support . Configuration tested: base model, simplex printing, A4 paper at an average of 56 ppm. |
| Acoustic pressure emissions bystander (active, printing) | 53 dB(A) |
| Acoustic pressure emissions bystander (ready) | 33 dB(A) |
| Automatic paper sensor | Yes |
| Business filter | cMPS |
| Cable included | No, please purchase USB cable separately |
| Capacity | 16 GB eMMC by default |
| Cartons per layer | 1 |
| Color or black | Color |
| Compatible Network Operating Systems | Windows 11; Windows Server; Citrix ; Novell |
| Component type | Printer |
| Control panel | 4.3 in IR-touch panel with home button |
| Count of layers in pallet | 3 |
| Country of origin | Japan |

Downloadable software

From <http://123.hp.com>: HP Easy Start (Guided Software Install for Windows and Mac); From <http://hp.com> for Windows OS: Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support; From <http://hp.com> for Mac OS; HP Easy Start (Guided Software Install); HP Mac OS Print Driver; HP Easy Admin; For Mobile OS: iOS For more information see <http://hp.com/go/businessmobileprinting>, Android For more information see <http://hp.com/go/businessmobileprinting>; From <http://hp.com> for printer administrators: Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator; HP Universal Print Drivers PCL6 GDI & PS GDI for Windows; HP ePrint Software (Mobile Driver for Windows); SAP Print Drivers for more information see <http://support.hp.com/us-en/document/c05051702>; HP Web JetAdmin; HP JetAdvantage Security Manager; HPLIP Linux Printer Driver for more information see <http://hplipopensource.com/hplip-web/index.html>; Unix Model Script Printer Driver for more information see <http://hp.com/go/unixmodelscripts>;

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go to <http://www.hp.com/support/colorljM856>; Outside the US, go to <http://www.hp.com/support> 1 Select the country/region 2 Select Software and Drivers 3 Select Printer 4 Enter a product name/number 5 The operating system is automatically detected 6 Select a driver or other software 7 Then select DOWNLOAD

Duty cycle note

Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

Dynamic security

Dynamic security enabled printer

Electromagnetic compatibility

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.

Engine life

1600000

Envelope Feeder

No

FCC Class A emissions

FCC Class A emissions - for use in commercial environments, not residential environments

Finished output handling

Sheetfed

First page out black (A4, ready)

As fast as 5.9 sec

First page out black (A4, sleep)

As fast as 11.6 sec

First page out black (letter, ready)

As fast as 5.9 sec

First page out black (letter, sleep)

As fast as 11.6 sec

First page out color (A4, ready)

As fast as 6.3 sec

First page out color (A4, sleep)

As fast as 11.8 sec

First page out color (letter, ready)

As fast as 6.3 sec

First page out color (letter, sleep)

As fast as 11.8 sec

| | |
|---|--|
| First page out footnote | Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration software application driver and document complexity. |
| Fonts and typefaces | 105 internal TrueType fonts scalable in HP PCL, Barcode font variants (Code 39, I2 of 5, UPC/ENA, Code 128, OCR-A/OCR-B), 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts |
| Input capacity | Up to 650 sheets (80 g/m ² paper) |
| Internal Storage | Optional 500 GB HDD: HP Secure High Performance Hard Disk drive 500 GB B5L29A; HP TAA Version Secure Hard Disk Drive 5EL03A |
| Mac compatible | Yes |
| Maximum Memory | 3.5 GB |
| Maximum dimensions (W x D x H) | 921 x 610 x 598 mm |
| Maximum dimensions (W x D x H) | 36.26 x 24.02 x 23.54 in |
| Maximum input capacity (sheets) | Up to 4450 sheets (80 g/m ² paper) |
| Maximum output capacity (sheets) | Up to 500 sheets |
| Maximum print area | 316 x 453 mm |
| Media size, tray 1 | A3, A4, A4-R, A5, A6, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS), B6 (JIS); Oficio 216 x 340, 8K (270 x 390), 8K (260 x 368), 8K (273 x 394), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273); Postcard (JIS), Dpostcard (JIS), Envelopes: B5, C5, C6, DL |
| Media size, tray 2 | A3, A4, A4-R, A5, RA4, SRA4, B4 (JIS), B5 (JIS); Oficio 216 x 340, 8K (270 x 390), 8K (260 x 368), 8K (273 x 394), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273); Dpostcard (JIS) |
| Media size, tray 3 | Optional 1x550 and 2x550 tray and stand: A3, A4, A4-R, A5, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS); Oficio 216x340, 8K (270 x 390), 8K (260 x 368), 8K (273 x 394), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273); Dpostcard (JIS); Optional 2700-sheet HCI paper tray and stand: A4 |
| Media sizes supported | 100-sheet multipurpose Tray 1: Statement, 3 x 5 index card, 4 x 6 index card, 5 x 7 index card, 5 x 8 index card, Letter, Letter-R, Legal, Executive, 11 x 17 in; 8.5 x 13, 12 x 18, Envelopes: #9, #10, Monarch; |
| Media sizes supported | 100-sheet multipurpose Tray 1: A3, A4, A4-R, A5, A6, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS), B6 (JIS); Oficio 216x340, 8K (270 x 390), 8K (260 x 368), 8K (273 x 394), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273); Postcard (JIS), Dpostcard (JIS), Envelopes: B5, C5, C6, DL; 550-sheet input Tray 2: A3, A4, A4-R, A5, RA4, SRA4, B4 (JIS), B5 (JIS); Oficio 216x340, 8K (270 x 390), 8K (260 x 368), 8K (273 x 394), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273); Dpostcard (JIS); Optional 1x550 and 2x550 tray and stand: A3, A4, A4-R, A5, RA3, SRA3, RA4, SRA4, B4 (JIS), B5 (JIS); Oficio 216x340, 8K (270 x 390), 8K (260 x 368), 8K (273 x 394), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273); Dpostcard (JIS); Optional 2700-sheet HCI paper tray and stand: A4 |
| Media sizes supported, key | 10 x 15 cm; A4; A3; Envelopes |
| Media sizes supported, key | 4 x 6 in; Letter; Legal; 11 x 17 in; Envelopes |

| | |
|--|---|
| Media sizes, custom | 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 1x550 and 2x550 tray and stand: 148 x 148 to 320 x 457.2 mm; Optional 2700-sheet HCI paper tray and stand: 279.4 x 210 mm to 297 x 215.9 |
| Media sizes, custom | 100 -sheet multipurpose Tray 1: 2.5 x 5 to 12.6 x 18 in; 550-sheet input Tray 2: 5.8 x 5.8 to 11.7 x 17 in; Optional 1x550 and 2x550 tray and stand: 5.8 x 5.8 to 12.6 x 18 in; Optional 2700-sheet HCI paper tray and stand: 11 x 8.27 to 11.7 x 8.5 in |
| Media type and capacity, tray 1 | Sheets: 100-sheet multi-purpose tray 1 (80 g/m ²); Transparencies: 50; Envelopes: 10; Labels: 50 |
| Media type and capacity, tray 2 | Sheets: 550 (80 g/m ²); Transparencies: 200; Labels: 200 |
| Media type and capacity, tray 3 | Optional 1x550 and 2x550 tray and stand - Sheets: 550 (80 g/m ²); Transparencies: 200; Labels: 200; Optional 2700-sheet HCI paper tray and stand - Sheets: 1100+1600 (80 g/m ² ?) |
| Media types | Paper (plain, heavy, extra heavy, glossy, light, recycle, tough), envelopes, labels, glossy film, cardstock, transparencies |
| Media weight (tray 1) | 60 to 300 g/m ² plain papers, up to 220 g/m ² glossy/coated |
| Media weight (tray 2) | 60 to 256 g/m ² plain papers, up to 220 g/m ² glossy/coated |
| Media weight (tray 3) | 60 to 256 g/m ² plain papers, up to 220 g/m ² glossy/coated |
| Media weight, supported | 100-sheet multipurpose Tray 1: 60 to 300 g/m ² , 550-sheet input Tray 2: 60 to 256 g/m ² , Optional 1x550 and 2x550 tray and stand: 60 to 256 g/m ² , Optional 2700-sheet HCI paper tray and stand: 60 to 256 g/m ² |
| Media weight, supported | 100-sheet multipurpose Tray 1: 16 to 80 lb, 550-sheet input Tray 2: 16 to 68 lb, Optional 1x550 and 2x550 tray and stand: 16 to 68 lb, Optional 2700-sheet HCI paper tray and stand: 16 to 68 lb |
| Memory | 1.5 GB |
| Memory Slots | 1 slot, 144-pin DDR3 x32 SODIMM |
| Memory card compatibility | Not available |
| Memory upgrade | Expandable to 3.5 GB through 1 GB 144-pin DDR3 x32 SODIMM |
| Minimum System Requirements | 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com |
| Minimum System Requirements for Macintosh | 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com |
| Mobile printing capability footnote | Some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. ^[15] |
| Model number | M856dn |
| Number of print cartridges | 4 toner cartridges (1 each for black, cyan, magenta, yellow) |
| Number of users | 5-20 Users |
| Operating humidity range | 10 to 80% RH |
| Operating temperature range | 50 to 90.5°F |
| Operating temperature range | 10 to 32.5°C |

| | |
|--|--|
| Orderable supplies | HP LaserJet Toner Collection Unit 3WT90A, HP LaserJet 110V Fuser Kit 4YL16A, HP LaserJet 220V Fuser Kit 4YL17A, HP LaserJet Image Transfer Belt Kit 3WT89A |
| Output capacity | Up to 500 sheets |
| Package dimensions (W x D x H) | 786 x 736 x 652 mm |
| Package dimensions (W x D x H) | 30.95 x 28.98 x 25.69 in |
| Package weight | 59.48 kg |
| Package weight | 131.13 lb |
| Page yield footnote | Average black and color composite (C/M/Y) declared toner yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies . |
| Pallet dimensions | 31.1 x 29.92 x 82.94 in |
| Pallet dimensions (W x D x H) | 790 x 760 x 2107 mm |
| Pallet weight | 188.44 kg |
| Pallet weight | 415.43 lb |
| Paper handling input, optional | Add up to two: 1x550-sheet paper tray; Add up to one: 2x550-sheet paper tray and stand; 2,700 (1,600+1,100) sheet HCI paper tray and stand; or stand |
| Paper handling input, standard | 100-sheet multipurpose tray, 550-sheet input tray |
| Paper handling output, standard | 500-sheet output bin |
| Paper trays, maximum | 6 |
| Paper trays, standard | 2 |
| Plug and play | HP Smart Install |
| Power | Input voltage: 100 V to 127 V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 12 A; Input voltage: 220 V to 240 V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 6 A. Not dual voltage, power supply varies by part number with # Option code identifier. |
| Print Technology | Laser |
| Print colors | Yes |
| Print languages | HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™, Google Cloud Print |
| Print quality black (normal) | Up to 600 x 600 dpi |
| Print resolution black (fine lines) | Up to 1200 x 1200 dpi |
| Print resolution color (fine lines) | Up to 1200 x 1200 dpi |
| Print resolution color (normal) | Up to 600 x 600 dpi |
| Print speed black (Landscape, A5) | Up to 35 ppm |
| Print speed black (normal, A3) | Up to 26 ppm |
| Print speed black (normal, tabloid) | Up to 26 ppm |
| Print speed color (Landscape, A5) | Up to 35 ppm |

| | |
|---|---|
| Print speed color (normal, A3) | Up to 26 ppm |
| Print speed color (normal, tabloid) | Up to 26 ppm |
| Print speed duplex (A3) | Up to 26 ipm |
| Print speed duplex (A3) | Up to 26 ipm |
| Print speed duplex (A4) | Up to 56 ipm |
| Print speed duplex (A4) | Up to 56 ipm |
| Print speed duplex (letter) | Up to 55 ipm |
| Print speed duplex (letter) | Up to 55 ipm |
| Print speed duplex (tabloid) | Up to 26 ipm |
| Print speed duplex (tabloid) | Up to 26 ipm |
| Print speed footnote (A3/Tabloid) | Measured using ISO/IEC 24734 excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration software application driver and document complexity. |
| Print speed footnote (A5) | Measured using ISO 24734 Feature Test A5 Landscape Feed. Speed may vary based on content PC media orientation and media type. |
| Print speed footnote number (A5) | [11] |
| Print technology | Laser |
| Printer Management | HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator) |
| Printer black pages (MPV black) | 1925 |
| Printer color pages (MPV color) | 3575 |
| Processor speed | 1.2 GHz |
| Product long name specifications | HP Color LaserJet Enterprise M856dn, Color Printer for Business, Print, Optional high-capacity trays; Two-sided printing |
| Product short name specifications | HP LaserJet Enterprise M856dn Color Printer, Ethernet Only; Duplex |
| Quantity per pallet | 3 |
| RMN number | BOISB-1813-01 |
| Recommended media weight (duplex) | 16 to 58 lb |
| Recommended media weight (duplex) | 60 to 216 g/m ² |
| Recommended monthly page volume | Up to 50,000 ^[14] |
| Recommended monthly page volume note | HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. |

| | |
|--|--|
| Recommended operating humidity range | 30 to 70% RH |
| Recommended operating temperature range | 59 to 80.6°F |
| Recommended operating temperature range | 15 to 27°C |
| Replacement cartridges footnote | Average black and color composite (C/M/Y) declared toner yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies . |
| Safety | IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries. |
| Security management | 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 |
| Standard input capacity (envelopes) | Up to 10 |
| Standard media sizes (duplex) | A3; A4; A4-R; A5; 8K; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B4 (JIS); B5 (JIS); Oficio; RA3; RA4; SRA3; SRA4 |
| Standard media sizes (duplex, imperial) | Letter; Executive; Tabloid; Ledger; Oficio (8.5 x 13 in) |
| Standard output capacity (envelopes) | Up to 50 envelopes |
| Standard output capacity (transparencies) | Up to 50 sheets |
| Storage device and direct print support | USB printing; Right-side facing USB/Flash drive |
| Storage temperature range | -20 to 40°C |
| Storage temperature range | -4 to 104°F |
| Target user and print volume | For teams up to 20 users; Prints up to 50,000 pages/month |
| Tariff numbers | 8443321000 (EU Base HTS); 8443321010 (AM Base HTS); 84433231 (AP Base HTS) |
| Technology logo 1 | Publication photos/Logo_Win10_15_wyh.jpg |
| Top key features | Two-sided printing |

| | |
|---|---|
| Typical electricity consumption (TEC) footnote | BA TEC is equal to Best TEC. Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device. |
| Typical electricity consumption (TEC) number | 2.669 kWh/Week (Blue Angel); 0.725 kWh/Week (Energy Star 3.0) ^[7] |
| UNSPSC code | 43212105 |
| UPC number | (AB0) 193015438170; (AB2) 193015438187; (ABJ) 193015438194; (ABT) 193015438231; (ABY) 193015438248; (AC4) 193015438293; (AC8) 193015438309; (ACQ) 193015438255; (AKV) 193015438316; (B13) 193015438262; (B19) 193015438279; (BAZ) 193015438286; (BBU) 193015438217; (BGJ) 193015438330; (BGM) 193015438224 |
| Warm-up time | As fast as 150 sec |
| Web address for additional information | Solutions: http://www.hp.com/go/gsc ; Fonts and IPDS Emulation: http://www.hp.com/go/laserjetfonts ; HP Web Jetadmin: http://www.hp.com/go/wja ; HP Universal Print Driver: http://www.hp.com/go/upd ; HP JetAdvantage Security Manager: http://www.hp.com/go/securitymanager ; HP JetAdvantage On Demand Cloud Solutions: http://www.hp.com/go/JetAdvantageondemand |
| What is in the box footnote | Standard cartridges included; yields 16,000 black and 13,000 color composite (C/M/Y) pages. Average black and color composite (C/M/Y) declared toner yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies . |

[3] Standard cartridges included; yields 16,000 black and 13,000 color composite (C/M/Y) pages. Average black and color composite (C/M/Y) declared toner yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

[5] With print cartridges

[6] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power consumption values typically based on measurement of 115V device.

[7] BA TEC is equal to Best TEC. Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device.

[8] Average black and color composite (C/M/Y) declared toner yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

[13] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

[14] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[15] Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Configuration tested: base model, simplex printing, A4 paper at an average of 56 ppm.

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

| | |
|--|----------|
| HP 659X High Yield Black Original LaserJet Toner Cartridge | W2010X ★ |
| HP 659X High Yield Cyan Original LaserJet Toner Cartridge | W2011X ★ |
| HP 659X High Yield Magenta Original LaserJet Toner Cartridge | W2013X ★ |
| HP 659X High Yield Yellow Original LaserJet Toner Cartridge | W2012X ★ |
| HP 660A Original LaserJet Imaging Drum | W2004A ★ |
| HP 659A Black Original LaserJet Toner Cartridge | W2010A |
| HP 659A Cyan Original LaserJet Toner Cartridge | W2011A |
| HP 659A Magenta Original LaserJet Toner Cartridge | W2013A |
| HP 659A Yellow Original LaserJet Toner Cartridge | W2012A |

HP Laser Printer Supply Kits

| | |
|--|----------|
| HP LaserJet 110V Fuser Kit | 4YL16A ★ |
| HP LaserJet 3WT89A Transfer Kit | 3WT89A ★ |
| HP LaserJet 3WT90A Toner Collection Unit | 3WT90A ★ |
| HP LaserJet 220V Fuser Kit | 4YL17A |

HP Business Papers

HP Business Papers for laser

| | |
|--|--------|
| HP Enhanced Business Paper, Glossy, 150 g/m2, A4 (210 x 297 mm), 150 sheets | CG965A |
| HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets | 4WN08A |
| HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets | 7MV83A |
| HP Professional Business Paper Glossy 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets | 4WN10A |
| HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets | 7MV80A |
| HP Professional Business Paper Matte 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets | 4WN05A |

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

| | |
|---|----------|
| HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets | HPM1720P |
| HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets | HPM1120R |
| HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets | HPM1420P |

HP Paper for Multiple Uses

HP Recycled Paper

| | |
|---|--------|
| HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in | 4WN07A |
| HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in | 4WN11A |
| HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in | 7MV81A |
| HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in | 7MV82A |

HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

| | |
|---|--------|
| HP Professional Business Paper, Glossy, 48 lb, 8.5 x 11 in. (216 x 279 mm), 50 sheets | 6MF93A |
|---|--------|

Accessories

Memory

★ : Recommended

DDR3 Memory

| | |
|---|----------|
| HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM | E5K48A ★ |
| HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM | E5K49A ★ |
| HP 2GB 144-Pin DDR3 TAA Version DIMM | 2NR09A ★ |

Paper Handling

Input Trays

| | |
|---|----------|
| HP Color LaserJet 2x550-sheet Feeder and Stand | T3V29A ★ |
| HP LaserJet 2700-sheet High Capacity Paper Tray and Stand | T3V30A ★ |
| HP LaserJet 550-sheet Paper Tray | T3V27A ★ |

Fax Upgrades

| | |
|---------------------------------|--------|
| HP MFP Analog Fax Accessory 700 | 2EH31A |
|---------------------------------|--------|

Staple Cartridges

| | |
|----------------------------|--------|
| HP Staple Cartridge Refill | J8J96A |
|----------------------------|--------|

Cables/Cable Kits/Cable Adapters

Printer Cables

| | |
|------------------------------|----------|
| HP Foreign Interface Harness | B5L31A ★ |
|------------------------------|----------|

Port Cables and Cable Adapters

| | |
|-----------------------|----------|
| HP Internal USB Ports | B5L28A ★ |
|-----------------------|----------|

Security and Protection

Smart Cards and SmartCard Readers

| | |
|---|----------|
| HP HIP2 Keystroke Reader | Y7C05A ★ |
| HP Legic Secure USB Reader | 4QL32A ★ |
| HP SmartCard NIPRNet Solution for US Government | CC543B ★ |
| HP SmartCard SIPRNet Solution for US Government | F8B30A ★ |
| HP USB Universal Card Reader | X3D03A ★ |

PC Drives and Storage

EIO Hard Drives

| | |
|---------------------------------------|----------|
| HP High-Performance Secure Hard Disk | B5L29A ★ |
| HP TAA Version Secure Hard Disk Drive | 5EL03A ★ |

Network Print Servers

External Print Servers

| | |
|---|----------|
| HP Jetdirect 2900nw Print Server | J8031A ★ |
| HP Jetdirect 3100w BLE/NFC/Wireless Accessory | 3JN69A ★ |

Internal Print Servers

| | |
|----------------------------|----------|
| HP Jetdirect LAN Accessory | 8FP31A ★ |
|----------------------------|----------|

Cabinets and Stands

Printer Cabinets and Stands

| | |
|---------------------------|----------|
| HP LaserJet Printer Stand | T3V28A ★ |
|---------------------------|----------|

Accessory Bundles

Printer Accessibility Accessories

| | |
|-----------------------------|--------|
| HP Accessibility Assistant | 2MU47A |
| HP Accessibility Kit | 2TD64A |
| HP Printing Voice Assistant | 478C2A |

Data Security Accessories

| | |
|-----------------------------------|--------|
| HP Removable Hard Drive Enclosure | 2NR12A |
|-----------------------------------|--------|

Imaging and Printing Solutions

★ : Recommended

Printing SW Solution Licenses

| | |
|---|----------|
| HP HID Mobile Access Mifare DES Fire Keystroking Reader | 35H11A ★ |
|---|----------|

HP Document and Workflow Solutions

HP Document and Workflow Solutions Printing Security

| | |
|---|--------------------|
| HP Access Control Secure Printing and Job Accounting Solution | HPACSOLUTION |
| HP Proximity Card Reader | HPPROXIMTYRDR |
| HP Secure Print and Insights | HPJETADSECUREPRINT |
| HP Security Manager | HPJETADSECMGR |

HP Document and Workflow Solutions Mobile Printing

| | |
|----------------------|--------|
| HP Roam for Business | HPROAM |
|----------------------|--------|

HP Document and Workflow Solutions Print Management

| | |
|---------------------------|---------------|
| HP Universal Print Driver | HPUNIVPRNTDRV |
| HP Web Jetadmin | HPWEBJETADMIN |

HP Care Pack Services

★ : Recommended

Imaging and Printing Hardware Support Onsite Svc

| | |
|---|---------|
| HP 1 year Post Warranty 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise M856 | UC2W3PE |
| HP 1 year Post Wty Next Business Day w/DMR Service for Color LaserJet Enterprise M856 | UC2W1PE |
| HP 3 year 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise M856 | UC2V2E |
| HP 3 year Next Business Day w/DMR Service for Color LaserJet Enterprise M856 | UC2U9E |
| HP 4 year 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise M856 | UC2V3E |
| HP 4 year Next Business Day w/DMR Service for Color LaserJet Enterprise M856 | UC2V0E |
| HP 5 year 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise M856 | UC2V4E |
| HP 5 year Next Business Day w/DMR Service for Color LaserJet Enterprise M856 | UC2V1E |

Imaging and Printing Commercial Care Pack Services

| | |
|--|---------|
| HP 1 yr Post Wty Parts Exchange Service for Color LaserJet Enterprise M856 | UC2W7PE |
| HP 3 year Parts Exchange Service for Color LaserJet Enterprise M856 | UC2V8E |
| HP 4 year Parts Exchange Service for Color LaserJet Enterprise M856 | UC2V9E |
| HP 5 year Parts Exchange Service for Color LaserJet Enterprise M856 | UC2W0E |

Disclaimer — Copyright

© Copyright 2024 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.