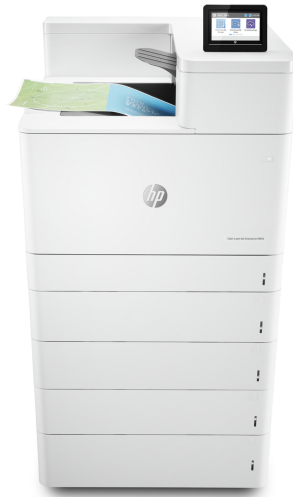


# HP Color LaserJet Enterprise M856dn



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.<sup>1</sup>



## Work stands out with exceptional color performance

- Special print mode for a wider color range and extra vividness for documents and marketing materials.
- Look professional with vibrant, high-quality color prints that can stand the test of time
- Get professional quality and performance with Original HP Toner cartridges with JetIntelligence and drums.
- Produce full-bleed A3 marketing materials by printing on SRA 3 paper and trimming down to size.



## The world's most secure printing<sup>1</sup>

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks
- Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.



## Minimal interruptions. Maximum productivity.

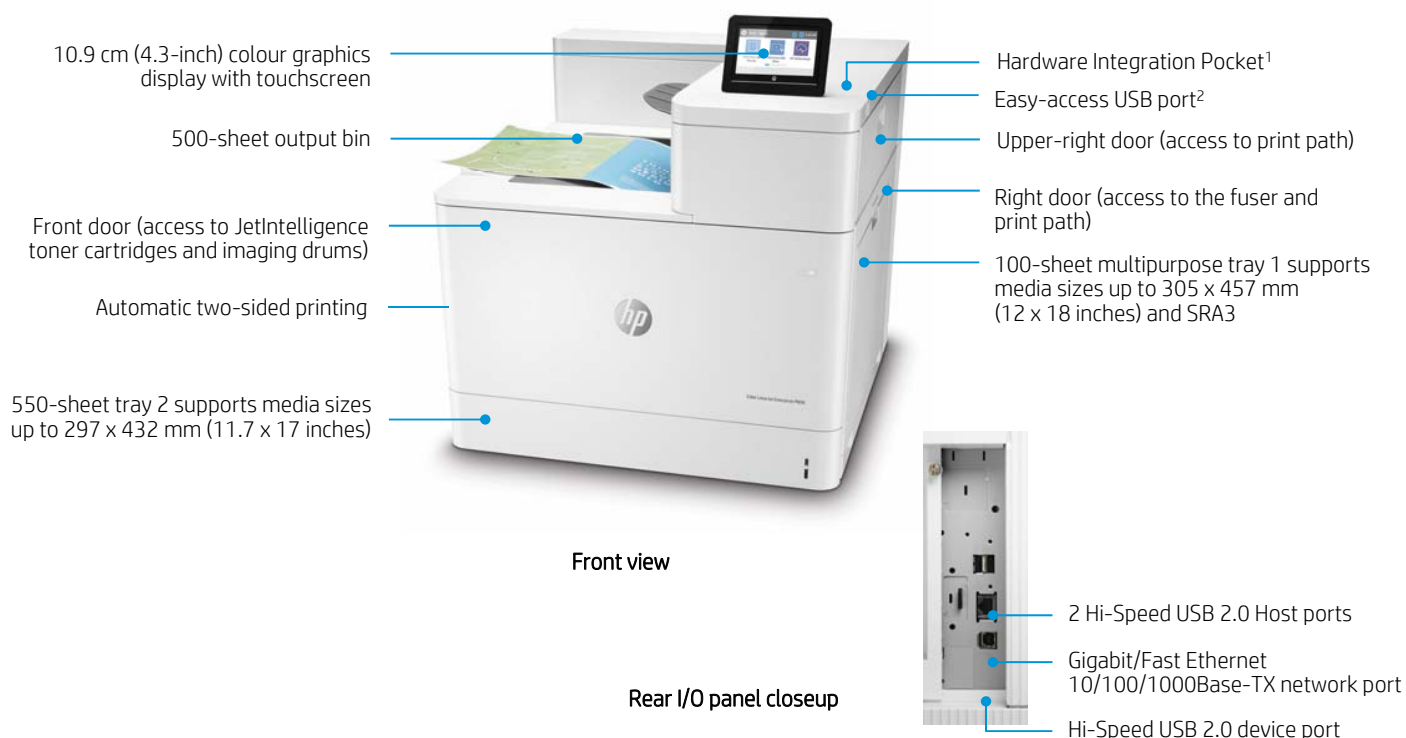
- Change the toner and drum in seconds. Both are easily accessible and come already installed out of the box.
- Avoid interruptions with an HP LaserJet printer designed for maximum productivity.
- Tailor this printer to help you meet the needs of your business with a wide range of paper-handling accessories.
- Grab pages and go. This HP LaserJet wakes up quickly and prints fast—up to 55/56, (letter/A4) ppm.<sup>2</sup>



## Built with the environment in mind.

- Benefit from reduced energy consumption and increased sustainability, up to 78% over predecessors.<sup>3</sup>
- Help save paper right out of the box. The duplex print setting is set at default paper savings mode.<sup>4</sup>
- Help reduce wasted paper, toner, and time by only printing the jobs that are needed with HP Roam for Business.

# Get to know the HP Color LaserJet Enterprise M856dn



## At a glance



Model (product number)	M856dn (T3U51A)
Print speed (A4/letter, black and colour) <sup>3</sup>	Up to 55/56 pages per minute (ppm)
Enhanced print mode for sharper, more vivid graphics	✓
Automatic two-sided printing (default <sup>4</sup> )	✓
100-sheet multipurpose tray 1 and 550-sheet tray 2	✓
1x550-sheet paper tray	Optional (add up to two)
Optional stands: 2x550-sheet paper tray and stand 2,700-sheet HCI paper tray and stand HP LaserJet stand	Add up to one stand only
Input capacity (standard/maximum) <sup>5</sup>	Up to 650/4,450 sheets
Recommended monthly page volume <sup>6</sup>	Up to 50,000 pages
Cartridge yield <sup>7</sup> (A/X)	Black: ~16,000/34,000 pages Colour: ~13,000/29,000 pages
Storage	Standard: 16 GB eMMC Optional: HP High-Performance Secure Hard Disk
Dual-band Wi-Fi® and Wi-Fi Direct with Bluetooth® Low Energy <sup>8</sup>	Optional
NFC touch-to-print <sup>9</sup>	Optional

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. The HP Color LaserJet Enterprise M856dn comes with a Second-generation HIP.

<sup>2</sup> An administrator must enable the easy-access USB port before use.

<sup>3</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>4</sup> All LaserJet Pro, Enterprise, Managed, and PageWide products with introductions beginning in September 2019 will include consistent worldwide default duplex settings (across bundles/drivers); product introductions before September 2019 may have inconsistent default duplex settings across drivers.

<sup>5</sup> Selection of optional paper-handling accessories required to reach maximum input capacity.

<sup>6</sup> 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.

<sup>7</sup> Average black and colour 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 [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies). Optional high-yield cartridges are not included with printer; please purchase separately.

<sup>8</sup> Dual-band Wi-Fi® and Wi-Fi Direct with Bluetooth® Low Energy is optional and can be added with purchase of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting).

<sup>9</sup> NFC touch-to-print is optional and can be added with purchase of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Mobile device must support Near-Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting).

## Technical specifications

<b>Product name</b>	HP Color LaserJet Enterprise M856dn
<b>Product number</b>	T3U51A
<b>Functions</b>	Print
<b>Print</b>	
Duplex printing	Automatic (standard)
Print speed <sup>10</sup>	<b>Black (A4, normal):</b> Up to 56 ppm; <b>Color (A4, normal):</b> Up to 56 ppm; <b>Black (A4, duplex):</b> Up to 56 ppm; <b>Color (A4, duplex):</b> Up to 56 ppm; <b>Black (letter, normal):</b> Up to 55 ppm; <b>Black (letter, duplex):</b> Up to 55 ppm; <b>Color (letter, normal):</b> Up to 55 ppm; <b>Color (letter, duplex):</b> Up to 55 ppm; <b>Black (A3, normal):</b> Up to 26 ppm; <b>Color (A3, normal):</b> Up to 26 ppm; <b>Black (A3, duplex):</b> Up to 26 ppm; <b>Color (A3, duplex):</b> Up to 26 ppm; <b>Black (letter, normal):</b> Up to 26 ppm; <b>Black (letter, duplex):</b> Up to 26 ppm; <b>Color (letter, normal):</b> Up to 26 ppm; <b>Color (letter, duplex):</b> Up to 26 ppm
First page out <sup>12</sup>	<b>Black (A4, ready):</b> As fast as 5.9 sec; <b>Color (A4, ready):</b> As fast as 6.3 sec; <b>Black (A4, sleep):</b> As fast as 11.6 sec; <b>Color (A4, sleep):</b> As fast as 11.8 sec
Print technology	Laser
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Black (normal):</b> Up to 600 x 600 dpi; <b>Color (best):</b> Up to 1200 x 1200 dpi; <b>Color (normal):</b> Up to 600 x 600 dpi
Print resolution technology	HP ImageREt 4800, Enhanced (600 x 600 dpi), Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi), Pantone Calibrated
Print cartridges number	4 toner cartridges (1 each for black, cyan, magenta, yellow)
Standard 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
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)
<b>Connectivity</b>	
Standard connectivity	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)
Mobile printing capability <sup>15</sup>	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified; ROAM capable for easy printing
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 2900w Print Server J8031A
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)
<b>Memory</b>	<b>Standard:</b> 1.5 GB; <b>Maximum:</b> 3.5 GB
<b>Hard disk</b>	Optional 500 GB HDD: HP Secure High Performance Hard Disk drive 500 GB B5L29A; HP TAA Version Secure Hard Disk Drive 5E03A
<b>Processor speed</b>	1.2 GHz
<b>Warm-up time</b>	As fast as 150 sec
<b>Paper handling</b>	
Duty cycle (monthly)	<b>Duty cycle (monthly, A4):</b> Up to 250,000 pages; <b>Recommended monthly page volume:</b> Up to 50,000
Input capacity	100-sheet multipurpose tray, 550-sheet input tray; 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 HCl paper tray and stand; or stand
Output capacity	500-sheet output bin
Number of paper trays	<b>Standard:</b> 2; <b>Maximum:</b> 6
Media types	Paper (plain, heavy, extra heavy, glossy, light, recycle, tough), envelopes, labels, glossy film, cardstock, transparencies
Media weight	100-sheet multipurpose Tray 1: 60 to 300 g/m <sup>2</sup> ; 550-sheet input Tray 2: 60 to 256 g/m <sup>2</sup> , Optional 1x550 and 2x550 tray and stand: 60 to 256 g/m <sup>2</sup> , Optional 2700-sheet HCl paper tray and stand: 60 to 256 g/m <sup>2</sup>
Media size	<b>Custom (metric):</b> 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 HCl paper tray and stand: 279.4 x 210 mm to 297 x 215.9; <b>Supported (metric):</b> 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 HCl paper tray and stand: A4
<b>Printer dimensions (W x D x H)<sup>4</sup></b>	556 x 610 x 520 mm
<b>Printer weight<sup>5</sup></b>	52.3 kg
<b>Software included</b>	No software solutions are included in the Box only on <a href="http://hp.com">http://hp.com</a> , <a href="http://123.hp.com">http://123.hp.com</a>
<b>What's in the box<sup>3</sup></b>	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
<b>Warranty</b>	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 <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region. (Warranty Code 4G; Warranty ID A001)
<b>Systems</b>	
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 <a href="http://support.hp.com">http://support.hp.com</a> . 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 <a href="http://support.hp.com">http://support.hp.com</a> . 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 <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a>
Minimum system requirements	<b>Windows:</b> 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ; <b>Mac:</b> 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see <a href="http://apple.com">apple.com</a>
<b>Security management</b>	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
<b>Fonts and typefaces</b>	105 internal TrueType fonts scalable in HP PCL, Barcode font variants (Code 39, 12 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 <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>
<b>Control panel</b>	4.3 in IR-touch panel with home button
<b>Display</b>	4.3-in(10.92 cm) Color Graphics Display(CGD) with touchscreen; rotating (adjustable angle)
<b>Power<sup>6</sup></b>	<b>Requirements:</b> 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; <b>Consumption:</b> 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); <b>Typical Electricity Consumption (TEC)<sup>7</sup>:</b> 2.669 kWh/Week (BA), 0.725 kWh/Week (ES Ver.3.0); <b>Power supply type:</b> Built-in 115V or 220V Power Supply
<b>Operating environment</b>	<b>Operating temperature range:</b> 10 to 32.5°C; <b>Recommended operating temperature range:</b> 15 to 27°C <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended operating humidity range:</b> 30 to 70% RH
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.8 B(A); <b>Acoustic power emissions (ready):</b> 4.9 B(A); <b>Acoustic pressure emissions bystander (ready):</b> 33 dB(A)
<b>Safety approvals and requirements</b>	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A1:2009 +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.
<b>Supported network protocols</b>	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

## Ordering information

### Accessories

Number	Description
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4QL32A	HP Legic Secure USB Reader
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
E5K48A	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
E5K49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
J8031A	HP Jetdirect 2900nw Print Server
T3V27A	HP LaserJet 550-sheet Paper Tray
T3V28A	HP LaserJet Printer Stand
T3V29A	HP Color LaserJet 2x550-sheet Feeder and Stand
T3V30A	HP LaserJet 2700-sheet High Capacity Paper Tray and Stand
X3D03A	HP Universal USB Proximity Card Reader
Y7C05A	HP HIP2 Keystroke Reader

### HP Care Packs

Number	Description
UC2U9E	HP 3 year Next Business Day Service for Color LaserJet Enterprise M856
UC2V0E	HP 4 year Next Business Day Service for Color LaserJet Enterprise M856
UC2V1E	HP 5 year Next Business Day Service for Color LaserJet Enterprise M856
UC2V2E	HP 3 year 4 hour 9x5 Service for Color LaserJet Enterprise M856
UC2V3E	HP 4 year 4 hour 9x5 Service for Color LaserJet Enterprise M856
UC2V4E	HP 5 year 4 hour 9x5 Service for Color LaserJet Enterprise M856
UC2V8E	HP 3 year Parts Exchange Service for Color LaserJet Enterprise M856 (Managed Component Only)
UC2V9E	HP 4 year Parts Exchange Service for Color LaserJet Enterprise M856 (Managed Component Only)
UC2W0E	HP 5 year Parts Exchange Service for Color LaserJet Enterprise M856 (Managed Component Only)
UC2W1PE	HP 1 year Post Warranty Next Business Day Service for Color LaserJet Enterprise M856
UC2W2PE	HP 2 year Post Warranty Next Business Day Service for Color LaserJet Enterprise M856
UC2W3PE	HP 1 year Post Warranty 4 hour 9x5 Service for Color LaserJet Enterprise M856
UC2W4PE	HP 2 year Post Warranty 4 hour 9x5 Service for Color LaserJet Enterprise M856
UC2W7PE	HP 1 yr Post Wty Parts Exchange Service for Color LaserJet Enterprise M856 (Managed Component Only)
UC2W8PE	HP 2 yr Post Wty Parts Exchange Service for Color LaserJet Enterprise M856 (Managed Component Only)

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

### Supported paper

Contact HP via phone: Asia: 65 6253 8500



Windows 10



HP Care Pack

### Original HP ink cartridges and maintenance supplies

Number	Description
W2010A	HP 659A Black Original LaserJet Toner Cartridge (16,000 Pages)
W2011A	HP 659A Cyan Original LaserJet Toner Cartridge (13,000 Pages)
W2012A	HP 659A Yellow Original LaserJet Toner Cartridge (13,000 Pages)
W2013A	HP 659A Magenta Original LaserJet Toner Cartridge (13,000 Pages)
W2010X	HP 659X High Yield Black Original LaserJet Toner Cartridge (34,000 Pages)
W2011X	HP 659X High Yield Cyan Original LaserJet Toner Cartridge (29,000 Pages)
W2012X	HP 659X High Yield Yellow Original LaserJet Toner Cartridge (29,000 Pages)
W2013X	HP 659X High Yield Magenta Original LaserJet Toner Cartridge (29,000 Pages)
W2004A	HP 660A Original LaserJet Imaging Drum (65,00 Pages)
3WT89A	HP LaserJet Image Transfer Belt Kit (150,000 Pages)
3WT90A	HP LaserJet Toner Collection Unit (shared) (90,000 Pages)
4YL16A	HP LaserJet 110V Fuser Kit (150,000 Pages)
4YL17A	HP LaserJet 220V Fuser Kit (150,000 Pages)

### HP Inc. offices

Australia	(613) 8833 5000	hp.com.au
China	(010) 6564 3888	hp.com.cn
Hong Kong	(852) 3077 2688	hp.com.hk
India	(80) 2612 9000	hp.com/in
Indonesia	(62-21) 5799 1088	hp.com/id
Korea	(02) 2199 0114	hp.co.kr
Malaysia	(603) 2332 3333	hp.com.my
New Zealand	(09) 918 9555	hp.co.nz
Philippines	(632) 888 5900	hp.com/ph
Singapore	(65) 6275 3888	hp.com.sg
Taiwan	(02) 3789 9900	hp.com.tw
Thailand	(662) 353 9500	hp.com/th
Vietnam	(848) 3823 4151	hp.com/vn

For the following countries, please fax your queries to (65) 6275 6707 Bangladesh, Bhutan, Brunei, Cambodia, Maldives, Nepal, Pakistan, Sri Lanka

### Solutions

For more solutions information, please visit [hp.com/go/gsc](http://hp.com/go/gsc)

## Footnotes

- <sup>1</sup> 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>
- <sup>2</sup> 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.
- <sup>3</sup> Based on HP Internal testing using normalized TEC Value, 2019.
- <sup>4</sup> Dependent upon country setup specifications.

## Technical specifications disclaimers

- <sup>1</sup> Optional 500GB Hard Disk
- <sup>2</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- <sup>3</sup> 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>.
- <sup>4</sup> With no accessories and multi-purpose tray closed
- <sup>5</sup> With print cartridges
- <sup>6</sup> 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.
- <sup>7</sup> 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.
- <sup>8</sup> 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>.
- <sup>9</sup> The Configuration Pages will report maximum memory at 2 GB after 1 GB DIMM installed. This is an expected behavior of this product.
- <sup>10</sup> 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.
- <sup>11</sup> Measured using ISO 24734 Feature Test A5 Landscape Feed. Speed may vary based on content PC media orientation and media type.
- <sup>12</sup> 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.
- <sup>13</sup> 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.
- <sup>14</sup> 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.
- <sup>15</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit <http://hp.com/go/roam>
- <sup>16</sup> 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.

To learn more, visit [hp.com](http://hp.com)

