Data sheet

HP Color LaserJet Enterprise M855 Printer series

Outstanding colour, great value

The HP Color LaserJet M855 gives your entire organization access to fast, simplified colour printing with professional finishing. Protect your investment – you can easily upgrade and add to this device's capabilities as your business needs evolve.

Print at a speed that meets your needs

- Boost productivity for everyone in your organization with fast colour printing on different media sizes up to SRA3.
- Equip employees to fly through tasks with the large 10.9cm (4.3 inch) touchscreen.
- Show your company's true colours – get vibrant, consistent and affordable colour printing for every department.
- HP's on paper calibration technology helps provide even, consistent colour – from page to page, and on every printer.

Invest once, expand easily and manage efficiently

- Expand your options. Easily upgrade firmware on your schedule and integrate new solutions or devices with ease.
- Help build business efficiency. Centrally monitor and control printers with HP Web Jetadmin[2].
- Apply fleet-wide policies to help protect your HP devices with HP Imaging and Printing Security Center[3].
- Confidently safeguard the sensitive data sent to the printer with the HP High-Performance Secure Hard Disk[4].

Boost efficiency with mobile printing

- Give users simple, direct access to the printer through wireless direct printing[5].
- Get mobile printing at a touch with Near Field Communications (NFC): enable touch-to-print convenience from mobile devices[6].
- Let employees print from mobile devices with built-in print capability or HP ePrint app and software[7].
- Give users the power to print wirelessly from an iPad®, iPhone® or iPod touch® using AirPrint™[8].

Product walkaround

1. Intuitive 10.9 cm colour touchscreen control panel
2. 500-page output bin
3. Front door provides convenient access to HP toner cartridges and drums
4. Built-in automatic two-sided printing
5. 500-sheet input tray supports media up to A3
6. 3,500-sheet high-capacity input tray supports A4 media
7. Easy-access USB port to print files directly
8. Hardware integration pocket (HIP) for solution integration
9. Right-side doors provide access for clearing jams
10. 100-sheet multipurpose tray handles media up to 220 g/m²
11. Access port for optional Kensington-style lock
12. 800 MHz processor, 1 GB standard memory
13. High-Speed USB 2.0 port (for connecting third-party devices)
14. Two internal host USB 2.0 type ports for third party solutions
15. HP Jetdirect Gigabit Ethernet print server
16. Hi-Speed USB 2.0 printing port
17. HP High-Performance Secure Hard Disk

Series at a glance

Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printer
Product number	A2W77A	A2W78A	A2W79A
On paper calibration technology	Yes	Yes	Yes
100-sheet multipurpose tray 1	Yes	Yes	Yes
500-sheet A3 tray 2	Yes	Yes	Yes
3x500-sheet A3 feeder	Optional	Yes	Not available
3,500-sheet A4 HCI	Optional	Not available	Yes
Booklet maker with hole punch	Optional[3]	Optional[3]	Optional[3]
Two-bin stapler/stacker	Optional[3]	Optional[3]	Optional[3]
Touch-to-print and wireless direct mobile printing [1],[2]	Optional	Optional	Optional
HP High-Performance Secure Hard Disk[4]	Not available	Yes	Yes

Accessories, Supplies and Support

Supplies	**D7H14A** HP LaserJet D7H14A Transfer and Roller Kit 150,000 pages
	CF310A HP 826A Black Original LaserJet Toner Cartridge 29,000 pages
	CF311A HP 826A Cyan Original LaserJet Toner Cartridge 31,500 pages
	CF312A HP 826A Yellow Original LaserJet Toner Cartridge 31,500 pages
	CF313A HP 826A Magenta Original LaserJet Toner Cartridge 31,500 pages
	CF358A HP 828A Black LaserJet Image Drum 30,000 pages
	CF359A HP 828A Cyan LaserJet Image Drum 30,000 pages
	CF364A HP 828A Yellow LaserJet Image Drum 30,000 pages
	CF365A HP 828A Magenta LaserJet Image Drum 30,000 pages
Accessories	**J8029A** HP Jetdirect 2800w NFC/Wireless Direct Accessory
	A2W80A HP LaserJet Stapler/Stacker
	C1N63A HP LaserJet 3x500-sheet Paper Feeder and Stand
	A2W82A HP LaserJet Stapler/Stacker with 2/4 hole punch
	A2W83A HP LaserJet Booklet Maker/Finisher
	C1N64A HP LaserJet 1x3500-sheet Paper Feeder and Stand
	C2H56A HP LaserJet 1x500-sheet Paper Feeder and Stand
	CZ999A HP Color LaserJet Booklet Maker/Finisher with 2/4 hole punch
	J8026A HP Jetdirect 2700w USB Wireless Print Server
Connectivity	**C1N54A** HP LaserJet C1N54A 110V Maintenance Kit
	C1N58A HP LaserJet C1N58A 220V Maintenance Kit
Service and support	**U0LX2E** HP 3 year Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support **U0LX3E** HP 4 year Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support **U0LX4E** HP 5 year Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support **U0LW6E** HP 3 year 4 hour 9x5 Color LaserJet M855 Hardware Support **U0LY8PE** HP 1 year Post Warranty Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support **U0LY6PE** HP 1 year Post Warranty 4 hour 9x5 Color LaserJet M855 Hardware Support **U0LY5PE** HP 2 year Post Warranty Next Business Day Color LaserJet M855 Hardware Support

Technical specifications

Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printer
Product number	A2W77A	A2W78A	A2W79A
Functions	Print		
Control panel	10.9 cm colour LCD with touchscreen; rotating (adjustable angle) display; illuminated Capacitive Home button (for quick return to the Home menu); Easy Access USB; Hardware Integration Pocket		
Print			
Print technology	Laser		
Print speed[1]	**Black (A4, normal)**: Up to 46 ppm; **Colour (A4, normal)**: Up to 46 ppm; **Black (A4, duplex)**: Up to 43 ipm; **Black (A3, normal)**: Up to 22 ppm; **Colour (A3, normal)**: Up to 22 ppm		
First page out	**Black (A4, ready)**: As fast as 11 sec; **Colour (A4, ready)**: As fast as 11 sec		
Print resolution	**Black (best)**: Up to 1200 x 1200 dpi; **Colour (best)**: Up to 1200 x 1200 dpi; **Technology**: HP ImageRet 4800; HP FastRes 1200 (1200 dpi quality), 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); On Paper Calibration Technology, Pantone© Calibrated		
Monthly duty cycle	Up to 175000 pages (A4); Recommended monthly page volume: 4000 to 25000		
Printer smart software features	HP ePrint, Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off Technology, HP Easy Color, Pantone© Calibrated, print preview, duplex, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, job separator, staple, offset, booklet making, hole punch, HP On Paper Calibration Technology		
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation		
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 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		
Print area	**Print margins**: Top: 2.1 mm, Bottom: 2.1 mm, Left: 2.1 mm, Right: 2.1 mm		
Duplex printing	Automatic (standard)		
Processor speed	800 MHz		
Connectivity			
Standard	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T Network; 1 Hardware Integration Pocket (HIP); 2 Internal USB Host		
Wireless	Optional, enabled with purchase of a hardware accessory		
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, XMPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print		

Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printer
Product number	A2W77A	A2W78A	A2W79A
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); 802.11b/g/n wireless networking (optional); Touch to Print and Wireless Direct (optional). Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.		
Hard disk	Standard, 8 GB Solid State Drive (SSD)	Standard, HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or higher	Standard, HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or higher
Memory	**Standard**: 1.5 GB (system memory); **Maximum**: 1.5 GB (system memory)		
Media handling			
Number of paper trays	**Standard**: 2; **Maximum**: 5	**Standard**: 5; **Maximum**: 5	**Standard**: 4; **Maximum**: 4
Media types	Cut sheet paper, labels, transparencies, glossy paper, glossy film, photo media, tough paper, envelopes		
Media size	**Custom (metric)**: Tray 1: 76.2 x 127 to 320 x 457.2 mm; Tray 2: 148 x 210 to 297 to 432 mm **Supported (metric)**: Tray 1: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4; RA3; SRA3; A6; B6 (JIS); DPOSTCARD (JIS); Envelopes: B5; C5; C6; DL; Tray 2: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4		
Media handling	**Standard input**: 100-sheet multipurpose tray, 500-sheet input tray **Standard output**: 500-sheet face-down bin **Optional input**: 1 x 500-sheet feeder with cabinet, 3 x 500-sheet feeder, High Capacity Input with 1 x 1500-sheet tray and 1 x 2000-sheet feeder	**Standard input**: 100-sheet multipurpose tray, 4 x 500-sheet input tray **Standard output**: 500-sheet face-down bin	**Standard input**: 100-sheet multipurpose tray, 500-sheet input tray, 1500-sheet input tray, 2000-sheet input tray **Standard output**: 500-sheet face-down bin
Input capacity	**Tray 1**: sheets: 100 (75 g/m²); envelopes: 10 **Tray 2**: sheets: 500 (75 g/m²) **Maximum**: Up to 4100 sheets (75 g/m² media)	**Tray 1**: sheets: 100 (75 g/m²); envelopes: 10 **Tray 2**: sheets: 500 (75 g/m²) **Tray 3**: Tray 3-5: sheets: 500 (75 g/m² media) **Maximum**: Up to 2100 sheets (75 g/m² media)	**Tray 1**: sheets: 100 (75 g/m²); envelopes: 10 **Tray 2**: sheets: 500 (75 g/m²) **Tray 3**: Tray 3, sheets: 1500 (75 g/m² media); Tray 4, sheets: 2000 (75 g/m² media) **Maximum**: Up to 4100 sheets (75 g/m² media)
Output capacity	**Standard**: Up to 500 sheets (75 g/m²) Envelopes: Up to 60 envelopes Transparencies: Up to 100 sheets **Maximum**: 3000 sheets (75 g/m²) with an optional output device.		
Compatible operating systems	Windows 10 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64-bit), Windows Server 2012 (64-bit), Windows Server 2008 (32-bit/64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2003 (SP1 or higher) (32-bit/64-bit); Mac OS X version 10.6.8, 10.7.5 Lion, 10.8 Mountain Lion; For the latest operating system support see: AirPrint™ (support.apple.com/kb/ht4356), Android (http://www.android.com), Citrix and Windows Terminal Services (http://www.hp.com/go/upd), HP ePrint Software Driver (http://www.hp.com/go/eprintsoftware), Linux (http://www.hplip.net), Novell (http://www.novell.com/iprint), SAP device types (http://www.hp.com/go/sap/drivers), SAP Print (http://www.hp.com/go/sap/print), UNIX (http://www.hp.com/go/unix), UNIX JetDirect (http://www.hp.com/go/jetdirectunix_software)		
Compatible network operating systems	Windows 8 (32-bit/64-bit); Windows 7 (SP1 or higher) (32-bit/64-bit); Windows Vista (32-bit/64-bit); Windows Vista Ready; Windows XP (SP3 or higher) (64-bit); Windows XP (SP3 or higher) Home; Windows XP (SP3 or higher) Professional; Windows 2000; Windows Server 2012 (64-bit); Windows Server 2008 (32-bit/64-bit); Windows Server 2008 R2 (64-bit); Windows Server 2003 (SP2 or higher) (64-bit); Windows Server 2003 (SP2 or higher); Mac OS X v10.6, v10.7 Lion, v10.8 Mountain Lion; RED HAT Linux 7.x or higher; Solaris® 2.5 or higher (SPARC® systems only); SUSE Linux 8.x or higher; Novell® 5.1 or higher; HP-UX 10.20, 11.x, 11.i; IBM® AIX 3.2.5 or higher; MPE-iX; Citrix® MetaFrame Server; Windows Terminal Services. (For Microsoft IPv6 compatibility use Windows 2003, Windows XP Home, Windows XP Professional and Windows Vista)		
Minimum system requirements	**Windows**: Windows 10, Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows Server 2012 (64-bit), Windows Server 2008, Windows Server 2008 R2 (64 bit), Windows Server 2003 (SP1 or higher): 200 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB 1.1/2.0 or network connection (for OS compatible hardware system requirements see http://www.microsoft.com); **Mac**: Mac OS X v10.6, v10.7 Lion, v10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet connection; Dedicated Universal Serial Bus (USB 1.1 or 2.0), or network connection; Operating system compatible hardware system requirements see apple.com		
Software included	HP PCL 6 Discrete Printer Driver; Mac Software Link to Web (Mac Installer); Windows Installer		
Security management	Advanced Security: Management security: SNMPv3, SSL/TLS (HTTPS), WPA2-Enterprise, 802.1X Authenitication (EAP-PEAP, EAP-TLS), IPSec/Firewall with Kerberos, Certificate, and PreShared Key Authentication		
Printer management	HP Web Jetadmin; HP Utility (Mac)		
Dimensions and Weight			
Printer dimensions (W x D x H)	**Minimum**: 704 x 635 x 580 mm; **Maximum**: 1000 x 635 x 580 mm	**Minimum**: 704 x 635 x 1063 mm; **Maximum**: 1000 x 635 x 1063 mm	
Package dimensions (W x D x H)	856 x 790 x 899 mm	856 x 790 x 1352 mm	
Printer weight	86.28 kg	122.47 kg	124.08 kg
Package weight	101.55 kg	141.9 kg	142.9 kg
Operating environment	**Temperature**: 15 to 30°C; **Humidity**: 10 to 80% RH		
Storage	**Temperature**: 0 to 35°C; **Humidity**: 10 to 90% RH		
Acoustics	**Acoustic power emissions**: 7.1 B(A); **Acoustic pressure emissions**: 55 dB(A)		
Power	**Requirements**: Input Voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 5.5 A; **Consumption**: 1100 watts (printing), 60 watts (ready), 7.0 watts (sleep), 1 watt (auto-off), 0.4 watts (off). Typical Electricity Consumption (TEC): 5.345 kWh/Week.; **Typical Electricity Consumption (TEC)**: 5.345 kWh/week; **Power supply type**: Built-in power supply		

Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printer
Product number	A2W77A	A2W78A	A2W79A
Energy savings feature technology	HP Auto-on/Auto-off Technology; Instant-on Technology		
Certifications	CISPR 22:2008/EN 55022:2010 (Class A); EN 61000-3-2: 2006+A1:2009 +A2:2009; EN 61000-3-3: 2008; EN 55024:2010; EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries ENERGY STAR® qualified; EPEAT® Silver; CECP **Blue Angel compliant**: No; Please refer to the ECI document		
What's in the box	HP Color LaserJet Enterprise M855dn Printer; Black, Cyan, Magenta and Yellow HP Color LaserJet Drums (yield ~30,000 pages); Black, Cyan, Magenta and Yellow HP Color LaserJet Toner Cartridges (yield ~29,000 pages black, ~31.500 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in)	HP Color LaserJet Enterprise M855xh Printer; Black, Cyan, Magenta and Yellow HP Color LaserJet Drums (yield ~30,000 pages); Black, Cyan, Magenta and Yellow HP Color LaserJet Toner Cartridges (yield ~29,000 pages black, ~31.500 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); Hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; 3 x 500-sheet input tray with stand; Automatic duplexer (built-in); HP High-Performance Secure Hard Disk, minimum 320 GB, AES 256 hardware encryption or greater	HP Color LaserJet Enterprise M855x+ Printer; Black, Cyan, Magenta and Yellow HP Color LaserJet Drums (yield ~30,000 pages); Black, Cyan, Magenta and Yellow HP Color LaserJet Toner Cartridges (yield ~29,000 pages black, ~31.500 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); Hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; 3500-sheet high capacity input tray with stand; Automatic duplexer (built-in); HP High-Performance Secure Hard Disk, minimum 320 GB, AES 256 hardware encryption or greater
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.		

Footnotes

[1] Document finishing accessories must be purchased separately. An input accessory with a stand must be installed for use before adding a finishing accessory.

[2] HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin.

[3] HP Imaging and Printing Security Center must be purchased separately.

[4] The HP High-Performance Secure Hard Disk is not available on the HP Color LaserJet Enterprise M855dn model.

[5] Wireless direct printing may be added as an option to the HP LaserJet Enterprise M855x+ A2W79A, HP LaserJet Enterprise M855xh A2W78A and HP LaserJet Enterprise M855dn A2W77A. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see hp.com/go/wirelessprinting.

[6] Touch-to-print capability may be added as an option to the HP LaserJet Enterprise M855x+ A2W79A, HP LaserJet Enterprise M855xh A2W78A and HP LaserJet Enterprise M855dn A2W77A. Mobile device must support near-field communications-enabled printing. For a list of supported devices, see hp.com/go/mobileprinting.

[7] Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details.

[8] Supports OS X® Lion, OS X Mountain Lion, and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later), and iPod touch® (third generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple® Inc., registered in the United States and other countries. AirPrint™ and the AirPrint logo are trademarks of Apple Inc.

Technical specifications disclaimers

[1] 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.