Data sheet

HP Color LaserJet Enterprise M855 Printer series



Boost productivity with speedy color printing and finishing touches for standout documents.

This color printer gives your entire organization access to fast, simplified color printing with professional finishing options. Protect your investment—you can easily upgrade and add to this device's capabilities as your business needs evolve.



HP Color LaserJet Enterprise M855dn Printer



HP Color LaserJet Enterprise M855xh Printer

The printing speed you need

- Equip employees to fly through tasks with the large 4.3-inch touchscreen.
- Show your company's true colors—make color printing vibrant, consistent, and affordable for every department.
- Let employees bind big jobs faster, using the built-in finishing options.⁵

Invest once, expand easily, and manage efficiently

- Expand your options. Easily upgrade firmware on your schedule. Easily integrate solutions or devices at will.
- Help build business efficiency. Centrally monitor and control printers with HP Web Jetadmin.⁷
- Apply fleet-wide policies to help protect your HP devices with HP Imaging and Printing Security Center.®
- Confidently safeguard the sensitive data sent to the printer with the HP High-Performance Secure Hard Disk.

Mobile printing—more efficient

- Mobile printing at a touch—enable touch-to-print convenience from mobile devices.¹
- Simplify printing. Give users simple, direct access to the MFP through wireless direct printing.²
- Let employees print from mobile devices with built-in print capability or HP ePrint app and software.4
- Give users the power to print wirelessly from an iPad[®], iPhone[®], or iPod touch[®].³

¹ Touch-to-print capability is standard in the HP Laser Jet Enterprise M855x+ D7P73A model, and may be added as an option to the HP Laser Jet Enterprise M855x + A2W79A, HP Laser Jet Enterprise M855xh A2W77A. Mobile device must supported devices, see hp.com/go/mobileprinting⁻² Wireless Standard in the HP Laser Jet Enterprise M855xh A2W77A. Mobile device must support devices, see hp.com/go/mobileprinting⁻² Wireless Standard in the HP Laser Jet Enterprise M855xh A2W77A. Mobile device must support devices, see hp.com/go/mobileprinting⁻² Wireless an option to the HP Laser Jet Enterprise M855xh A2W77A. Mobile device must support devices, see hp.com/go/wirelesspiriting⁻³ Supports OS XP Lion, OS X Mountain Lion, and the following devices running IOS 4.2 or later: *iPade* I all models). IPmore[®] (3GS or later, and iPod touch[®] (Hrid generation or later). Workers with HPS Jahrine-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 printer. For details, see hp.com/go/wirelesspiriting⁻³ Supports OS X[®] Lion, OS X Mountain Lion, and the following devices running IOS 4.2 or later: *iPade* I all models). IPmore[®] (3GS or later, and iPod touch[®] (Hrid generation or later). Workers with HPS Jahrine-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[®] duelevice 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 concerted printer. App or software and HP eprint caccunt registration may also be required. Wireless broadband use requires separately purchased ser

HP Color LaserJet Enterprise M855xh Printer

Product walkaround

- 1. Intuitive 4.3-inch (10.9 cm) color 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 11 x 17-inch (A3)
- 6. 3,500-sheet high-capacity input tray supports letter/A4 media
- 7. Easy-access USB port to print files directly
- 8. Hardware integration pocket (HIP) for solution integration¹
- 9. Right-side doors provide access for clearing jams
- 10. 100-sheet multipurpose tray handles media up to 58 lb bond (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 (xh model only)



Series at a glance



M855dn Printer

Model

HP Color LaserJet Enterprise M855xh Printer

Part number	A2W77A	A2W78A
On paper calibration technology	Yes	Yes
100-sheet multipurpose tray 1	Yes	Yes
500-sheet 11 x 17-inch (A3) tray 2	Yes	Yes
3 x 500-sheet 11 x 17 - inch (A3) tray with stand	Optional	Yes
3,500-sheet letter/A4 high capacity input tray	Not available	Not available
Booklet maker with 2/3 hole punch	Optional₅	Optional ^s
Two-bin stapler/stacker	Optional₅	Optional ^s
Touch-to-print and wireless direct mobile printing ^{3,4}	Optional	Optional
HP High-Performance Secure Hard Disk	Optional	Yes

¹Solutions deployed through the hardware integration pocket may require additional purchase. ³Wireless direct printing is standard in the HP LaserJet Enterprise M855x+ model, and may be added as an option to the M855x+, M855xh and M855dn. 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. ⁴Touch-to-print capability may be added as an option to the HP Color LaserJet Enterprise M855dn. Mobile device must support near field communications-enabled printing. For a list of supported devices, see hp.com/go/businessmobileprinting. ⁵Document finishing accessories must be purchased separately. An input accessory with a stand must be installed for use before adding a finishing accessory.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Optimized Care (optimum performance and stability):

4 hr Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):

Next Business Day Onsite Support

For care pack availability visit: hp.com/go/cpc













Easy access USB



Top features

Boost productivity for every workgroup with fast color printing. Employees can add professional finishing touches with minimal effort.

Help protect your printer investment and manage printing across the enterprise. Easily upgrade and add capabilities as your needs change. Manage the printing fleet from a single location. Expect high efficiency for the long term.

Eliminate the wires and complications from mobile printing. Enable easy printing from smartphones, tablets, and laptops at work, home, or on the go. Give users simple access through wireless direct printing and touch-to-print technology.¹²⁴

Accessories		
C1N63A	HP LaserJet 3x500-sheet Paper Feeder and Stand	
A2W84A	HP LaserJet Booklet Maker/Finisher with 2/3 hole punch	
A2W80A	HP LaserJet Stapler/Stacker	
F5S62A	HP Trusted Platform Module Accessory	
Supplies		
C1N54A	HP LaserJet C1N54A 110V Maintenance Kit	
C1N58A	HP LaserJet C1N58A 220V Maintenance Kit	
D7H14A	HP LaserJet D7H14A Transfer and Roller Kit	
CF310A	HP 826A Black Original LaserJet Toner Cartridge	
CF311A	HP 826A Cyan Original LaserJet Toner Cartridge	
CF312A	HP 826A Yellow Original LaserJet Toner Cartridge	
CF313A	HP 826A Magenta Original LaserJet Toner Cartridge	
CF358A	HP 828A Black Laser Jet Image Drum	
CF359A	HP 828A Cyan LaserJet Image Drum	
CF364A	HP 828A Yellow LaserJet Image Drum	
CF365A	HP 828A Magenta Laser Jet Image Drum	

Services

HP Color LaserJet Enterprise M855 Printer series

UOLX2E - HP 3 year Nbd + DMR CLJ M855 HW Support UOLX3E - HP 4 year Nbd + DMR CLJ M855 HW Support UOLX4E - HP 5 year Nbd + DMR CLJ M855 HW Support UOLW6E - HP 3 year 4h 9x5 CLJ M855 HW Support UOLW8E - HP 4 year 4h 9x5 CLJ M855 HW Support UOLX0E - HP 5 year 4h 9x5 CLJ M855 HW Support UOLY8PE - HP 1 year PW Nbd + DMR CLJ M855 Support UOLY6PE - HP 1 year PW 4h 9x5 CLJ M855 Support

¹ ouch-to-print capability is standard in the HP LaserJet Enterprise M855x+ D7P73A model, and may be added as an option to the HP LaserJet Enterprise M855x+ A2W79A, HP LaserJet Enterprise M855xh A2W78A, and HP LaserJet Enterprise M855xh A2W79A, HP LaserJet Enterprise M855xh A2W79A, HP LaserJet Enterprise M855xh A2W78A, and HP LaserJet Enterprise M855xh A2W79A, HP LaserJet Enterprise M855xh A2W79A, HP LaserJet Enterprise M855xh A2W78A, and HP LaserJet Enterprise M855xh A2W79A, HP LaserJet Enterprise M855xh A2W78A, and HP LaserJet Enterprise M855xh A2W8A, and HP LaserJet Enterprise M855x

HP Color LaserJet Enterprise M855 Printer series

Technical Specifications	HP Color LaserJet Enterprise M855dn Printer(A2W77A)	HP Color LaserJet Enterprise M855xh Printer(A2W78A)	
AIO functions	Pr	int	
Print speed	Letter: Up to 45 ppm black; Up to 45 ppm colorFirst Page Out	Black: As fast as 11 sec; First Page Out Color: As fast as 11 sec	
Print resolution	Black (best): Up to 1200 × 1200 dpi;	Colour (best): Up to 1200 x 1200 dpi	
Print Technology	Laser; Print Resolution Technologies: HP ImageRet 4800; HP FastRes 1200 (1200 dpi quality), 600 ;	x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); HP on paper calibration Technology, Pantone* Calibrated	
Print Cartridges Number	4 (1 each Cyan, Mai	genta, Yellow, Black)	
Standard Print Languages	HP PCL 6, HP PCL 5, HP p	ostscript level 3 emulation	
Printer Smart Software Features	HP ePrint, Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technol	ogy, HP Auto-On/Auto-Off Technology, HP Easy Color, Pantone* Calibrated, print preview, duplex, print multiple pages	
		staple, offset, booklet making, hole punch, HP on paper calibration Technology n: HP Utility (Mac)	
Printer Management		100/1000T Network; 1 Hardware Integration Pocket (HIP); 2 Internal USB Host	
Standard Connectivity			
Network Capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-Tx, 100Base-Tx, 1000Base-Tx, 100Base-Tx, 100Base-Tx		
Network Ready		Gigabit Ethernet)	
Wireless Capability		hase of hardware accessory.	
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Mopria-certified, M	Mobile Apps, Wireless Direct printing (optional)	
Memory	Standard: 1.5 GB (system memory):	Maximum: 1.5 GB (system memory)	
Processor Speed	800 MHz / Hard disk: Optional, 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	800 MHz / Hard disk: Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	
Duty Cycle	Monthly, letter: Up to 175,000 pages Recom	mended Monthly Page Volume: 4000 to 25,000	
Paper Handling	Input Capacities: 100-sheet multipurpose tray, 500-sheet input tray, Up to 600 sheets (75 g/m2) standard labels legal; Output Capacities: 500-sheet face-down bin; Up to 500 sheets (75 g/m2) standard labels legal; Duplex Options: Automatic (standard); Envelope Feeder: No; Standard Paper Trays: 2; Media Types Supported: Cut sheet paper, labels, transparencies, glossy paper, glossy film, photo media, tough paper, envelopes; Media Weight Supported: Tray 1, 2: 16 to 58 lb; Media Stzes Supported: Tray 1: Letter, Letter-R, Legal, Executive, Ledger (11 x 17), 8.5 x 13, 12 x 18, Statement, 4 x 6 Index card, 5 x 8 Index card, 3 x 5 Index card, 5 x 8 Index card, 3 x 5 Index card, 5 x 8 Index card, 3 x 5 Index card, 5 x 13; Media Sizes Custom: Tray 1: 3 x 5 to 12.6 x 18 in; Tray 2: 5.8 x 8.3 to 11.7 x 17 in	Input Capacities: 100-sheet multipurpose tray, 4 x 500-sheet input tray, Up to 2100 sheets (75 g/m ⁹) standard labels legal; Output Capacities: 500-sheet face-down bin; Up to 500 sheets (75 g/m ⁹) standard labels legal; Duplex Options: Automatic (standard); Envelope Feeder: No; Standard Paper Trays: 5; Media Types Supported: Cut sheet paper, labels, transparencies, glossy paper, glossy film, photo media, tough paper, envelopes; Media Weight Supported: Tray 1, 2, 3, 4, 5: 16 to 58 lb; Media Sizes Supported: Tray 1: Letter, Letter-R, Legal, Executive, Ledger (11 x 17), 8, 5 x 13, 12 x 18, Statement, 4 x 6 Index card, 5 x 7 Index card, 5 x 8 Index card, 3 x 5 index card, Envelopes: #9, #10, Monarch; Tray 2: Letter, Letter-R, Legal, Executive, Ledger (11 x 17), 8, 5 x 13; Tray 3+: Letter, Letter-R, Legal, Executive, Ledger (11 x 17), 8, 5 x 13; Tray 3+: Letter, Letter-R, Legal, Executive, Ledger (11 x 17), 8, 5 x 13; Tray 3+: Letter, Letter-R, Legal, Executive, Ledger (11 x 17), 8, 5 x 13, 12 x 18; Media Sizes Custom: Tray 1: 3 x 5 to 12, 6 x 18 in; Tray 2: 58 x 8, 3 to 11.7 x 17 in; Tray 3, 4, 5, 58 x 8, 3 to 12, 6 x 18 in	
Product Dimensions	W x D x H: 27.7 x 25 x 22.8 in; Maximum: 39.4 x 25 x 22.8 in	W x D x H: 27.7 x 25 x 41.9 in; Maximum: 39.4 x 25 x 41.9 in	
Product Weight	189.8 lb	269.4 lb	
Warranty Features	One-year, next-busine	i ss day, onsite warranty	
Energy Efficiency Compliance	Cher Bound and Cher Counter Counters and Structure Teams and		
Control Panel	4.3-in (10.9 cm) color LCD with touchscreen; rotating (adjustable angle) display; illuminated Capacitive Home builton (for quick return to the Home menu); Easy Access USB; Hardware Integration Pocket		
Display Description	4.3-in WVG6 480 x 272 resistive touch display with Home button		
Software included	HP PCL 6 Discrete Printer Driver; Mac SW Link to Web (Mac Installer) Windows Installer		
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 Laser; let Fonts and IPDS Emulation available at hp.com/go/laser; etfonts		
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 XP (SP2 or higher) (32-bit/64-bit), Windows Server 2012 (64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows XP (SP2 or higher) (32-bit/64-bit), Windows Server 2008		
Compatible Network Operating Systems	Windows 8.1 (32-bit/64-bit); Windows 8 Basic (32-bit/64-bit); Windows 8 Pro (32-bit/64-bit); Windows 8 Enterprise (32-bit/64-bit); Windows 8 Enterprise N (32-bit/64-bit); Windows 8 Enterprise N (32-bit/64-bit); Windows 8 Enterprise N (32-bit/64-bit); Windows Server 2012 (No Software Installer support); Windows Server 2008 R2; Windows Server 2012 (No Software Installer support); Windows Server 2008 R2; Windows Server 2012 R2; Windows Server 2008 (32-bit/64-bit); Windows Server 2008 R2; Windows Server 2008 R2; Windows Server 2008 R2; Windows Server 2008 (32-bit/64-bit); Server 2008 R2; Server Z012 R2; Windows Server 2003 (32-bit/64-bit); Server 2008 (32-bit/64-bit); Server 2008 (32-bit/64-bit); Server 2008 R2; Server 2003 (32-bit/64-bit); Server 2003 Server 2003 Server 2003 Server 2003 Serv		
Minimum System Requirements	PC: Windows 10, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008; Windows Server 2008 R2 (64 bit); Windows Server 2012 (64-bit); 200 MB 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 http://www.microsoft.com; MAC: Mac OS X v10.6.8, OS X 10.7.5 Lion, OS X 10.8 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)		
Power	Power Supply Type: Built-in power supply; Power Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 10.5 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 5.5 A (Not dual voltage, power supply varies by part number with # Option code identifier); Power Consumption: 1100 watts (Printing), 60 watts (Ready), 7.0 watts (Sleep), 1 watt (Auto-Off), 0.4 watts (Off)		
Acoustics	Acoustic Power Emissions: 7.1 B(A); Acoustic Pressure Emissions: 55 dB(A)		
Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 32 to 95%; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 10 to 80% RH		
Security Management	Advanced Security: Management security: SNMPv3, SSL/TLS (HTTPS), WPA2-Enterprise, 802.1X Authent	tication (EAP-PEAP, EAP-TLS), IPSec/Firewall with Kerberos, Certificate, and PreShared Key Authentication	

¹ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ²HP ePrint: Requires an Internet connection to the printer. Feature works with any connected Internet- and e-mail-capable device. Requires BV Meb Services Account Registration. Print times may vary. For a list of supported documents, and image types, see to uch⁶ (2) regression to relate! Works with HPS AiPrint⁷⁹: supports the following devices running (05 4.2 of tater: IPad⁶). IPad⁶ (2) For 0⁴ (30 c rater), IPad⁶ (2) regression or late! Works with HPS AiPrint⁷⁹: apports the following devices running (05 4.2 or later: IPad⁶). IPad⁶ (2) For 0⁴ (30 c rater), IPad⁶ (2) regression or late! Works with HPS AiPrint⁷⁹: apports the following devices running (05 4.2 or later: IPad⁶). IPad⁶ (2) For 0⁴ (30 c rater), IPad⁶ (2) regression or late! Works with HPS AiPrint⁷⁹: apple⁸ Inc., registered in the US. And other countries. Mobile specific device. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint, the AiPrint⁷⁰: apple⁸ Inc., registered in the US. And other countries. Mobile specific device. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint, the AiPrint Loga et al. (2) Pad⁶ (2) For 0⁴ (3) Countries. Mobile specific device, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ⁴HP 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. ⁵Windows Installer has the same Operating System support as the printer drive except the following: Windows Server 200 (SPC ro ligher) (2)-bit only. Windows Server 200 (SPC ro ligher

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