HP Color LaserJet Enterprise M855dn Printer

Ordering Information

Commercial model number:
A2W77A (BGJ)

Canada model number:
A2W77A

Sidebar

In the box:
Print cartridges (1 each black, cyan, magenta, yellow)
Image drums (1 each black, cyan, magenta, yellow)
Software drivers and documentation on CD-ROM
Documentation (Hardware Install Guide)
Power cord
HP Jetdirect Gigabit Ethernet Print Server (embedded)
100-sheet multipurpose tray
500-sheet input tray
Automatic duplexer (built-in)

Software:
HP PCL 6 Discrete Printer Driver
Mac SW Link to Web (Mac Installer)
Windows Installer

Standard warranty:
1 year next business day onsite

Replaces

HP Color LaserJet CP6015dn Printer	Q3932A Compare
HP Color LaserJet CP6015x Printer	Q3933A Compare
HP Color LaserJet CP6015xh Printer	Q3934A Compare
HP Color LaserJet Enterprise M855x+ NFC/ Wireless Direct Printer	D7P73A Compare

HP Care Pack Options

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

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.[1,2]

Enlarge Image

Compatible Operating Systems

Standard Desktop

Windows XP	32/64-bit (SP2 or higher)
Windows Server 2003	32/64-bit (SP1 or higher)
Windows Server 2008	32/64-bit
Windows Server 2012	32/64-bit
Windows Vista®	32/64-bit
Windows® 7	32/64-bit
Windows® 8	32/64-bit
Windows® 10	32/64-bit
Mac OS	Mac OS X v 10.6.8, 10.7.5, 10.8
Other	For the latest operating system support see: AirPrint™ (support.apple.com/kb/ht4356); Android (android.com); Citrix and Windows Terminal Services (hp.com/go/upd); HP ePrint Software Driver (hp.com/go/eprintsoftware); Linux (hplip.net); Novell (novell.com/iprint); SAP device types (hp.com/go/sap/drivers); SAP Print (hp.com/go/sap/print); UNIX (hp.com/go/unix); UNIX JetDirect (hp.com/go/ jetdirectunix_software)

Additional Information

Sales	www.hp.com Data Sheet 4AA5-0081ENUC Data Sheet A2W77A
Technical Support	www.hp.com/support
Reseller	http://hp.com/partners/us
Services	http://www.hp.com/go/services
Supplies and accessories	www.hp.com
HP Care Pack Central	www.hp.com/go/cpc

Recommended Care Pack Services

Service	Code
Installation with Network Setup Service	H2872E
Next Business Day Onsite with DMR: 3 years	U0LX2E

Optional Care Pack Services

Service	Code
Installation with Network Setup Service	H2872E
Same Day Onsite, Standard Business Hours: 3 years	U0LW6E
Same Day Onsite, Standard Business Hours: 4 years	U0LW8E
Same Day Onsite, Standard Business Hours: 5 years	U0LX0E
Same Day Onsite, Extended Business Hours: 5 years	U0LX1E
Same Day Onsite, Extended Business Hours: 3 years	U0LW7E
Same Day Onsite, Extended Business Hours: 4 years	U0LW9E
Next Business Day Onsite with DMR: 3 years	U0LX2E
Next Business Day Onsite with DMR: 4 years	U0LX3E
Next Business Day Onsite with DMR: 5 years	U0LX4E
Next Business Day Onsite Call-to-Repair with DMR: 3 years	U0LX8E

Brand Specifications —

PRINTER

Print Technology	Laser
Print Speed Black, Letter:	
ISO/Best Quality	Up to 45 ppm[4]
Print Speed Color, Letter:	
ISO/Best Quality	Up to 45 ppm[4]
First Page Out	As fast as 11 sec from Ready mode
Processor	800 MHz
Paper Trays, Std	2
Paper Trays, Max	5
Input Capacity, Std	600 sheets (100-sheet multipurpose tray, 500-sheet input tray)
Input Capacity, Max	2,100 sheets (75 g/m²)
Output Capacity, Std	500 sheets (75 g/m²)
Output Capacity, Max	3,000 sheets (75 g/m²) with an optional output device.
Envelope Input, Std	10
Envelope Feeder	No
Two-Sided Printing	Automatic (standard)
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
Prints Color	Yes
Print Quality, Color Best	Up to 1200 x 1200 dpi
Print Resolution Technology	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 Languages, Std	HP PCL 6, HP PCL 5, HP postscript level 3 emulation
Printer Management	HP Web Jetadmin, HP Utility (Mac)
Display Type	4.3-in WQVGA 480 x 272 resistive touch display with Home button

GENERAL

Duty Cycle, Monthly	Up to 175,000 pages
Recommended Monthly Volume	4000 to 25,000 pages
Media Types	Cut sheet paper, labels, transparencies, glossy paper, glossy film, photo media, tough paper, envelopes
Media Sizes, Std	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 (No. 9, No. 10, Monarch); tray 2: letter, letter-R, legal, executive, ledger (11 x 17), 8.5 x 13
Media Sizes, Std, Metric	Tray 1: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); 8.5 x 13; RA4; SRA4; 8K (270 x 390); 8K (260 x 368); 8K (7.75 x 10.75); 16K (195 x 270); 16K (184 x 260); 16K (7.75 x 10.75); RA3; SRA3; 12 x 18; A6; B6 (JIS); PHOTO 2L; DPOSTCARD (JIS); B5; C5; C6; DL; tray 2: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); 8.5 x 13; RA4; SRA4; 8K (270 x 390); 8K (260 x 368); 8K (7.75 x 10.75); 16K (195 x 270); 16K (184 x 260); 16K (7.75 x 10.75)
Media Sizes, Custom	Tray 1: 3 x 5 in to 12.6 x 18 in; tray 2: 5.8 x 8.3

	to 11.7 x 17 in
Media Sizes, Custom, Metric	Tray 1: 76.2 x 127 to 320 x 457.2 mm; Tray 2: 148 x 210 to 297 to 432 mm
Media Weights	Tray 1, 2: 16 to 58 lb
Media Weights, Metric	Tray 1, 2: 60 to 220 g/m²
Connectivity, Std	2 Hi-Speed USB 2.0 Host, Hi-Speed USB 2.0 Device, Gigabit Ethernet 10/100/1000T, Hardware Integration Pocket (HIP), 2 Internal USB Host
Connectivity, Opt	HP Jetdirect external and wireless print servers
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Mopria-certified, Mobile Apps, Wireless Direct printing (optional)
Memory, Std	1.5 GB (system memory)
Memory, Max	1.5 GB (system memory)
Hard Disk Drive	Optional, 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
Power Supply Type	Built-in power supply
Power Supply Required	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), 1watt (Auto-Off), 0.4 watts (Off)[5]
Typical Electricity Consumption (TEC)	5.345 kWH/week
ENERGY STAR® Qualified	Yes
Mac Compatible	Yes
Dimensions (W x D x H)	39.4 x 25 x 22.8 in (maximum), 27.7 x 25 x 22.8 in (minimum)
Weight	189.8 lb
Dimensions, Metric	1000 x 635 x 580 mm (maximum), 704 x 635 x 580 mm (minimum)
Weight, Metric	86.28 kg
Shipping Dimensions	33.7 x 31.1 x 35.39 in
Shipping Weight	223.4 lb
Shipping Dimensions, Metric	856 x 790 x 899 mm
Shipping Weight, Metric	101.55 kg
Pallet Dimensions	33.7 x 31.1 x 35.39 in
Pallet Dimensions, Metric	856 x 790 x 899 mm
Pallet Weight	223.4 lb
Pallet Weight, Metric	101.55 kg
Quantity Per Pallet	1

Jetdirect Products —

HP Jetdirect 2800w NFC/Wireless Direct Accessory (J8029A)
HP Jetdirect ew2500 802.11b/g Wireless Print Server (J8021A)
HP Jetdirect 2700w USB Wireless Print Server (J8026A)

Accessories —

HP Universal Print Driver for Windows 5.2
HP Universal Print Driver for Windows (J7980A/J7981A)

Paper-handling accessories
HP LaserJet Stapler/Stacker (A2W80A)
HP LaserJet Booklet Maker/Finisher with 2/3 hole punch (A2W84A)
HP Color LaserJet 3x500-sheet Paper Feeder and Stand (C1N63A)
HP Staple Cartridge Refill (C8091A)
HP 2-pack 2000-staple Cartridge (CC383A)

Maintenance kits
HP Color LaserJet 110 Volt Fuser Kit (C1N54A)
HP Color LaserJet 220 Volt Fuser Kit (C1N58A)
HP LaserJet Transfer and Roller Kit (D7H14A)

LaserJet font solutions
HP BarCode Printing Solution (HG271TT)
HP MICR Printing Solution - USB (HG277TT)
HP BarCodes and More v.2 - USB (HG281TS)
HP Scalable BarCodes v.2 - USB (HG282TT)
HP MICR Font v.2 - USB (HG283TS)

Other
HP Trusted Platform Module Accessory (F5S62A)

Compatible Supplies

HP LaserJet Cartridges and Kits
HP 826A Black Original LaserJet Toner Cartridge (CF310A)
HP 826A Cyan Original LaserJet Toner Cartridge (CF311A)
HP 826A Yellow Original LaserJet Toner Cartridge (CF312A)
HP 826A Magenta Original LaserJet Toner Cartridge (CF313A)
HP 828A Black LaserJet Image Drum (CF358A)
HP 828A Cyan LaserJet Image Drum (CF359A)
HP 828A Yellow LaserJet Image Drum (CF364A)
HP 828A Magenta LaserJet Image Drum (CF365A)

Compatible Paper Products

Top Recommended Papers

HP Premium Glossy Presentation Paper

8.5 x 11 in	32 lb	250 sheets	CG988A
11 x 17 in	32 lb	250 sheets	Q2547A

HP Laser Glossy Brochure Paper

8.5 x 11 in	52 lb	100 sheets	Q6608A
8.5 x 11 in	40 lb	150 sheets	Q6611A

HP Premium Choice LaserJet Paper

8.5 x 11 in	32 lb	3000 (500 sheets/6 reams)	HPU1132

HP Brochure and Presentation Papers

HP Premium Glossy Presentation Paper

8.5 x 11 in	32 lb	250 sheets	CG988A
11 x 17 in	32 lb	250 sheets	Q2547A

HP Laser Matte Brochure Paper

8.5 x 11 in	52 lb	100 sheets	Q8824A
8.5 x 11 in	40 lb	150 sheets	Q6543A

HP Laser Glossy Tri-fold Brochure Paper

8.5 x 11 in	40 lb	150 sheets	Q6612A

HP Laser Glossy Brochure Paper

8.5 x 11 in	52 lb	100 sheets	Q6608A
8.5 x 11 in	40 lb	150 sheets	Q6611A

HP Everyday Papers

HP Premium Choice LaserJet Paper

8.5 x 11 in	32 lb	3000 (500 sheets/6 reams)	HPU1132

HP LaserJet Paper

8.5 x 11 in	24 lb	2500 (500 sheets/5 reams)	HPJ115RC
8.5 x 11 in	24 lb	5000 (500 sheets/10 reams)	HPJ1124

HP All-in-One Printing Paper

8.5 x 11 in	22 lb	2500 (500 sheets/5 reams)	HPT115
8.5 x 11 in	22 lb	5000 (500 sheets/10 reams)	HPT1122

HP Multipurpose Ultra White Paper

8.5 x 11 in	20 lb	500 sheets	HPM1120R
8.5 x 11 in	20 lb	2500 (500 sheets/5 reams)	HPM115RC
8.5 x 11 in	20 lb	5000 (500 sheets/10 reams)	HPM1120C
8.5 x 11 in, 3-hole punch	20 lb	5000 (500 sheets/10 reams)	HPM113H

8.5 x 14 in	20 lb	5000 (500 sheets/10 reams)	HPM1420
11 x 17 in	20 lb	2500 (500 sheets/5 reams)	HPM1720

HP Office Ultra White Paper

8.5 x 11 in	20 lb	500 sheets	HPC8511R
8.5 x 11 in	20 lb	2500 (500 sheets/5 reams)	HPC115RC
8.5 x 11 in	20 lb	5000 (500 sheets/10 reams)	HPC8511C
8.5 x 11 in, 3-hole punch	20 lb	5000 (500 sheets/10 reams)	HPC3HP
8.5 x 14 in	20 lb	5000 (500 sheets/10 reams)	HPC8514
11 x 17 in	20 lb	2500 (500 sheets/5 reams)	HPC1117

HP Office Ultra White Paper Quickpack

8.5 x 11 in	20 lb	2500 bulk sheets	HP2500S

HP Recycled Paper

8.5 x 11 in	20 lb	500 sheets	HPE1120R
8.5 x 11 in	20 lb	5000 (500 sheets/10 reams)	HPE1120C

HP Business Copy Ultra White Paper

8.5 x 11 in	20 lb	5000 (500 sheets/10 reams)	HPBC11

HP Everyday Copy and Print Paper

8.5 x 11 in	20 lb	5000 (500 sheets/10 reams)	HPA510

1. Touch-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 M855dn A2W77A. Mobile device must support near-field communications-enabled printing. For a list of supported devices, see hp.com/go/mobileprinting.

2. Wireless direct printing 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 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.

3. 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.

4. 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.

5. Values subject to change. Power numbers are the highest values measured using all standard voltages. See http://www.hp.com/support for current information.