



# LaserJet Enterprise 700 M712 printer series

## M712n • M712dn • M712xh

Enable high-volume, black-and-white printing on paper sizes up to A3—with input capacity up to 4600 sheets.<sup>2</sup> Control costs with energy-saving features and two-sided printing.<sup>8</sup> Protect sensitive business data and centrally manage printing policies.

**Print speed (black):**<sup>1</sup> Up to 40 ppm (Letter)

**Print resolution:** Best: Up to 1200 x 1200 dpi; Normal: HP FastRes 1200 (1200 dpi effective quality), 600 dpi with HP Resolution Enhancement technology 1200

**Standard connectivity:** 2 Hi-Speed USB 2.0, 1 Hi-Speed USB 2.0 Device, 1 Gigabit Ethernet 10/100/1000 Base-T, 1 Hi-Speed USB 2.0 Easy Access Walkup Port, 1 Hardware Integration Pocket (HIP)

**Duty cycle:** Up to 100,000 pages

**Paper handling:** 100-sheet multipurpose tray, 2 x 250-sheet input trays, 500-sheet input tray (only on M712xh), 250-sheet output bin

**Mobile printing capability:** HP ePrint, Apple AirPrint™



(HP LaserJet Enterprise 700 Printer M712xh)

### Upsize and accelerate—fast A3 printing

- Save time and keep business moving with blazing-fast printing from this black-and-white A3 workgroup printer.
- Expand black-and-white printing options on paper sizes up to A3 and near edge-to-edge printing.
- Boost productivity—reload paper less often with up to 4600-sheet capacity for high-volume printing.<sup>2</sup>
- Replace toner cartridges easily. Choose high-capacity Original HP toner cartridges for frequent printing.<sup>3</sup>



(HP LaserJet Enterprise 700 Printer M712n)

### Conserve resources and help control costs

- Save energy—Auto On/Auto Off turns your printer on when you need it, and off when you don't.<sup>9</sup>
- Reduce paper use up to 50% with automatic two-sided printing<sup>8</sup> on this ENERGY STAR<sup>®</sup> qualified printer.
- Manage your workteam's printing impact—optimize resources with HP EcoSMART Fleet and other tools.<sup>10</sup>
- Original HP toner cartridges are easily recycled—for free—through HP Planet Partners.<sup>4</sup>



(HP LaserJet Enterprise 700 Printer M712dn)

### Simplify IT management and safeguard data

- Boost printing and imaging safeguards and help protect business data with fleet-level security solutions.
- Safeguard confidential data stored on the printer, with the installed HP High-Performance Secure Hard Disk.<sup>5</sup>
- Centralize printer management—HP Web Jetadmin helps you monitor equipment and increase uptime.<sup>11</sup>
- Add security solutions—such as card and badge readers—through the hardware integration pocket.<sup>7</sup>

### Invest in a forward-thinking, easy-to-use solution

- Extend the value of your investment—easily update and expand device capabilities with HP FutureSmart Firmware.
- HP ePrint—print from your smartphone or tablet from virtually anywhere.<sup>6</sup>
- Manage jobs at the color control panel. The easy-access USB port lets you print from a flash drive.

## ecoHIGHLIGHTS

HP LaserJet Enterprise 700 M712 printer series

### ECO INFORMATION

- Save energy—HP Auto-On/Auto-Off Technology turns the printer On when you need it, Off when you don't.<sup>1</sup>
- Save paper by up to 50% with automatic two-sided printing.<sup>3</sup>
- Free, convenient cartridge recycling in more than 50 countries.<sup>2</sup>



ENERGY STAR<sup>®</sup> Qualified Product<sup>2</sup>

<sup>1</sup> HP Auto-On and Auto-Off capabilities subject to printer and settings.

<sup>2</sup> Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit: [www.hp.com/recycle](http://www.hp.com/recycle).

<sup>3</sup> dn and xh bundles only.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.



<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see [www.hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</sup> The base paper capacity of the HP LaserJet Enterprise 700 printer M712n and M712dn is 600 sheets (2 x 250-sheet trays and one 100-sheet multipurpose tray). The base paper capacity of the HP LaserJet Enterprise 700 printer M712xh is 1100 sheets (2 x 250-sheet trays, 1 x 100-sheet multipurpose tray, and 1 x 500-sheet tray). With optional accessories, the maximum capacity is 4600 sheets.

<sup>3</sup> The HP LaserJet CE390X black toner cartridge is not included; please purchase separately. <sup>4</sup> Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit: [www.hp.com/recycle](http://www.hp.com/recycle). <sup>5</sup> The HP High-Performance Secure Hard Disk is only available on the HP LaserJet Enterprise 700 M712xh Printer. <sup>6</sup> Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter)). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades. <sup>7</sup> Solutions deployed through the hardware integration pocket may require additional purchase.

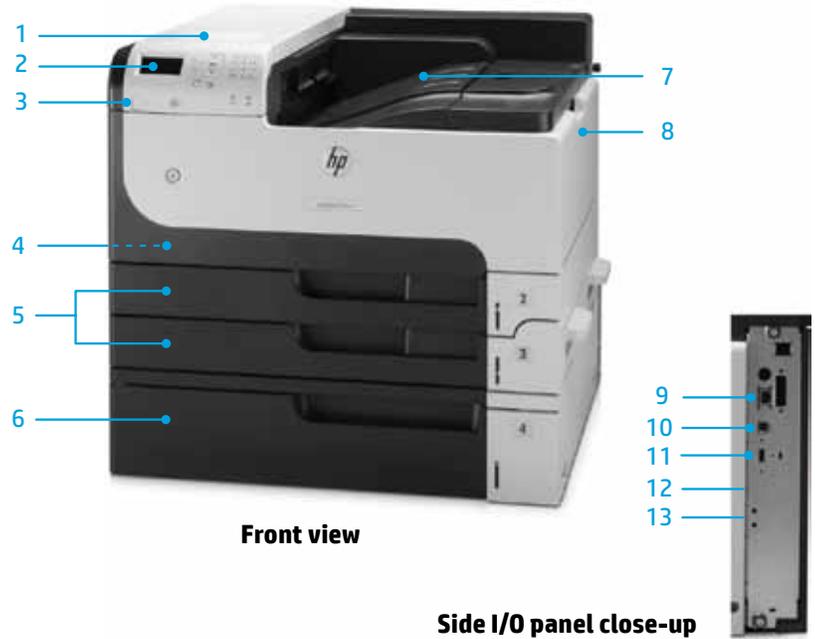
<sup>8</sup> Automatic two-sided printing on the M712n requires purchase of optional duplex accessory. <sup>9</sup> HP Auto-On and Auto-Off capabilities subject to printer and settings. <sup>10</sup> HP EcoSMART Fleet must be purchased separately.

<sup>11</sup> HP Web Jetadmin is free and can be downloaded at [www.hp.com/go/webjetadmin](http://www.hp.com/go/webjetadmin).

# HP LaserJet Enterprise 700 M712 printer series

- 1 Hardware integration pocket for solution integration
- 2 Intuitive 4-line color display with 10-button keypad
- 3 Easy-access USB port to save and print files directly
- 4 Built-in automatic two-sided printing
- 5 Two 250-sheet input trays for letter and legal size media
- 6 500-sheet input tray for a 1,100 total input capacity
- 7 250-sheet output bin
- 8 100-sheet multipurpose tray 1 handles heavy custom media up to 53 lb bond
- 9 HP Jetdirect Gigabit Ethernet print server
- 10 Hi-Speed USB 2.0 printing port
- 11 Hi Speed USB 2.0 port (for connecting third party devices)
- 12 800 MHz processor, 512 MB standard memory
- 13 HP High Performance Secure Hard Disk

HP LaserJet Enterprise 700 M712xh printer shown



Front view

Side I/O panel close-up

## Series at a glance



M712n

M712dn

M712xh

Part number	CF235A	CF236A	CF238A
<b>Print speeds</b>	Up to 40 ppm (letter)	Up to 40 ppm (letter)	Up to 40 ppm (letter)
<b>Control panel</b>	4-line color display, 10 key pad	4-line color display, 10 key pad	4-line color display, 10 key pad
<b>Hardware integration pocket</b>	✓	✓	✓
<b>100-sheet multipurpose tray 1</b>	✓	✓	✓
<b>250-sheet tray 2</b>	✓	✓	✓
<b>250-sheet tray 3</b>	✓	✓	✓
<b>500-sheet tray 4</b>	Optional	Optional	✓
<b>Automatic two-sided printing</b>	Optional	✓	✓
<b>Toner cartridges supported</b>	Regular (~10,000 pages) and high-capacity (~17,500 pages)	Regular and high capacity	Regular and high capacity
<b>HP High Performance Secure Hard Disk</b>	Not available	Not available	✓
<b>ENERGY STAR® qualified</b>	Not available	✓	✓

# Top features

Get fast black-and-white printing up to A3—with energy-saving features and security controls.

Boost your productivity and potential with fast, black-and-white A3 printing and input paper capacity up to 4600 sheets.<sup>1</sup> Expand your workteam's options with two-sided printing nearly to the edge of the page.

Save energy and help keep printing costs in check. Auto On/Auto Off and Instant-on Technology help conserve energy,<sup>4,5</sup> and automatic two-sided printing reduces paper use.<sup>3</sup> Management tools help optimize printing efficiency across your workteam.

Robust security features safeguard sensitive data. Award-winning management tools such as HP Web Jetadmin help optimize company-wide printing policies and trim operating costs.<sup>6</sup> Centrally manage security policies, and update solutions.

Deploy new solutions and update device features with ease. Print from mobile devices with HP ePrint.<sup>2</sup> Robust management tools help optimize fleet-wide printing policies and trim operating costs.

## Get the most out of your printer with HP accessories, supplies, and services.

### 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. Choose from:

**Optimized Care** (optimum performance and stability):

4 hour 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

**4 hr Onsite Support:** Onsite support within four hours after a service call received within the coverage window

**Next Business Day Onsite Support:** Onsite service the next business day after the service call is received

**Maintenance Kit Replacement Service:** Onsite replacement of your printer's maintenance kit including parts, materials, and labor

**Installation with Network Configuration Service:** Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit [www.hp.com/go/printservices](http://www.hp.com/go/printservices)

### Printers

HP LaserJet Enterprise 700 Printer M712n	CF235A
HP LaserJet Enterprise 700 Printer M712dn	CF236A
HP LaserJet Enterprise 700 Printer M712xh	CF238A

### HP LaserJet print cartridges

HP 14A Black LaserJet Toner Cartridge (~10,000 yield)	CF214A
HP 14X Black LaserJet Toner Cartridge (~17,500 yield)	CF214X

### Accessories

HP LaserJet 500-sheet Feeder and Tray	CF239A
HP LaserJet 1x500-sheet Paper Feeder with Cabinet and Stand	CF243A
HP LaserJet 3x500-sheet Feeder and Stand (available on M712n & M712dn only)	CF242A
HP LaserJet 3500-sheet HCl Feeder and Stand	CF245A
HP LaserJet Duplex Printing Assembly	CF240A
HP LaserJet 110V Maintenance/Fuser Kit	CF249A
HP LaserJet 220V Maintenance/Fuser Kit	CF254A
HP 512 MB 144-pin x32 DDR2 DIMM	CE483A

### HP Service and support

HP 3-year Next Business Day + DMR LaserJet M712 Hardware Support	U6Z05E
HP 3-year 4h 9x5 LaserJet M712 Hardware Support	U6Y99E
HP 3-year 4h 13x5 LaserJet M712 Hardware Support	U6Z00E
HP 2-year Next Business Day LaserJet M712 Hardware Support	U6Y95E
HP 1-year Post Warranty Next Business Day + DMR LaserJet M712 Support	U6Z24PE
HP Network Install Mono Mid-range LaserJet SVC	UC742E

### Connectivity

HP Jetdirect 2700w USB Wireless Print Server	J8026A
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### Paper

[www.hp.com/go/paper](http://www.hp.com/go/paper)

### Software

HP Web Jetadmin: [www.hp.com/go/wja](http://www.hp.com/go/wja)  
HP Easy Printer Care: [www.hp.com/go/easyprintercare](http://www.hp.com/go/easyprintercare)  
HP Universal Print Driver: [www.hp.com/go/upd](http://www.hp.com/go/upd)  
HP Install Network Printer Wizard: [www.hp.com/go/inpw\\_sw](http://www.hp.com/go/inpw_sw)

<sup>1</sup> The base paper capacity of the HP LaserJet Enterprise 700 printer M712n and M712dn is 600 sheets (2 x 250-sheet trays and one 100-sheet multipurpose tray). The base paper capacity of the HP LaserJet Enterprise 700 printer M712xh is 1100 sheets (2 x 250-sheet trays, 1 x 100-sheet multipurpose tray, and 1 x 500-sheet tray). With optional accessories, the maximum capacity is 4600 sheets. <sup>2</sup> Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter)). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades. <sup>3</sup> Automatic two-sided printing on the M712n requires purchase of optional duplex accessory. <sup>4</sup> HP Auto-On and Auto-Off capabilities subject to printer and settings. <sup>5</sup> Compared with products that use traditional fusing. <sup>6</sup> HP Web Jetadmin is free and can be downloaded at [www.hp.com/go/webjetadmin](http://www.hp.com/go/webjetadmin).

# HP LaserJet Enterprise 700 M712 Printer series

Technical specifications	HP LaserJet Enterprise 700 Printer M712n (CF235A)	HP LaserJet Enterprise 700 Printer M712dn (CF236A)	HP LaserJet Enterprise 700 Printer M712xh (CF238A)
Print speed <sup>1</sup>	Black (normal, letter): Up to 40 ppm; Duplex (letter): Up to 26 ipm		
First page Out	Black (letter, ready): As fast as 10.5 sec; Black (letter, sleep): As fast as 23.5 sec		
Print technology	Laser		
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): HP FastRes 1200 (1200 dpi effective quality), 600 dpi with HP Resolution Enhancement technology		
Print resolution technologies	HP ProRes 1200, HP FastRes 1200, HP RET, 600 dpi, 300 dpi		
Printer Smart Software Features	HP ePrint, Apple AirPrint™, HP Auto On/Auto Off technology, FutureSmart Firmware, Hardware Integration Pocket, Easy Access USB		
HP ePrint capability	Yes		
Mobile Printing capability	HP ePrint, Apple AirPrint™		
Control Panel	2-in, 4-line LCD (color text and graphics); job control buttons; LED status indicators; 10-button keypad, Hardware Integration Pocket; easy access USB		
Processor speed	800 MHz		
Display	2-in, 4-line LCD (color text and graphics)		
Memory	Standard: 512 MB; Maximum: 1 GB		
Durability ratings	Duty cycle: <sup>2</sup> Up to 100,000 pages; Recommended monthly page volume: <sup>3</sup> 5,000 to 20,000 pages		
Paper			
Input	100-sheet multipurpose tray, 2 x 250-sheet input trays		100-sheet multipurpose tray, 2 x 250-sheet input trays, 500-sheet input tray
Output	250-sheet output bin		
Duplex Print Options	Manual (driver support provided)	Automatic (standard)	
Media Types	Paper (color, letterhead, light, plain, preprinted, prepunched, recycled, rough, tough paper), bond, cardstock, envelope, labels, transparency, vellum		
Media Sizes	Tray 1, 2: Letter, legal, executive, 8.5 x 13 in; Tray 3: letter, legal, executive, 8.5 x 13 in, 11 x 17 in		Tray 1, 2: Letter, legal, executive, 8.5 x 13 in; Tray 3: letter, legal, executive, 8.5 x 13 in, 11 x 17 in; Tray 4: letter, letter-R, legal, executive, 8.5 x 13 in, 11 x 17 in, 16K
Media Weight	Tray 1: 16 to 53 lb; Tray 2, 3: 16 to 32 lb		Tray 1: 16 to 53 lb; Tray 2, 3, 4: 16 to 32 lb
Connectivity			
Interfaces	2 Hi-Speed USB 2.0, 1 Hi-Speed USB 2.0 Device, 1 Gigabit Ethernet 10/100/1000 Base-T, 1 Hi-Speed USB 2.0 Easy Access Walkup Port, 1 Hardware Integration Pocket (HIP)		
Languages	HP PCL 6, HP PCL 5e, HP Postscript 3 emulation, native PDF printing (v 1.4)		
Network Capabilities	Via HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server (standard); 802.3az (EEE); IPsec (standard); 802.11b/g/n wireless networking (optional)		
Network Ready	Standard (built-in Ethernet)		
Operating systems	Microsoft® Windows® 8, Windows® 7, Windows Vista®, Windows XP® (SP2+), Windows® Server 2003 (SP1+), Windows® Server 2008 (32 and 64-bit), Windows® Server 2008 R2 (64-bit); Mac OS X v10.6, 10.7; For the latest operating system support see: Citrix and Windows® Terminal Services ( <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a> ); Novell ( <a href="http://www.novell.com/iprint">www.novell.com/iprint</a> ); Linux ( <a href="http://www.hp.com/go/linux">www.hp.com/go/linux</a> ), <a href="http://www.hp.com/go/unixmodelscripts">www.hp.com/go/unixmodelscripts</a> , <a href="http://www.hp.com/go/jetdirectunix_software">www.hp.com/go/jetdirectunix_software</a> ; SAP device types ( <a href="http://www.hp.com/go/sap/drivers">www.hp.com/go/sap/drivers</a> , <a href="http://www.hp.com/go/sap/print">www.hp.com/go/sap/print</a> ); HP ePrint Mobile Driver ( <a href="http://www.hp.com/go/eprintmobiledriver">www.hp.com/go/eprintmobiledriver</a> )		
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, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print		
Security	Management security: SNMPv3, SSL/TLS, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in		
Dimensions (w x d x h)	22.4 x 23.4 x 15.4 in (568 x 596 x 392 mm) Maximum: 33.8 x 38.9 x 15.4 in (858 x 989 x 392 mm)		22.4 x 23.4 x 20.4 in (568 x 596 x 517 mm) Maximum: 33.8 x 38.9 x 20.4 in (858 x 989 x 517 mm)
Weight	76.5 lb (34.7 kg)	84.8 lb (38.5 kg)	109.8 lb (49.8 kg)
Minimum system requirements	PC: Microsoft® Windows® 8, Windows® 7, Windows Vista®, Windows® XP (SP2+), Windows® Server 2003 (SP1+), Windows® Server 2008, Windows® Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see <a href="http://www.microsoft.com">www.microsoft.com</a> Mac: Mac OS X v10.6, 10.7; 200 MB available hard disk space; operating system compatible hardware system requirements, see <a href="http://www.apple.com">www.apple.com</a>		
What's in the box	HP LaserJet Enterprise 700 M712n Printer (includes built-in HP Jetdirect Gigabit Ethernet embedded print server); HP Black LaserJet Toner Cartridge (~10,000 pages); Getting Started Guide, CD containing drivers and electronic documentation; Power cord	HP LaserJet Enterprise 700 M712dn Printer (includes built-in automatic two-sided printing and HP Jetdirect Gigabit Ethernet embedded print server); HP Black LaserJet Toner Cartridge (~10,000 pages); Getting Started Guide, CD containing drivers and electronic documentation; Power cord	HP LaserJet Enterprise 700 M712xh Printer (includes built-in automatic two-sided printing, HP Jetdirect Gigabit Ethernet embedded print server, and High-Performance Secure 250 GB Hard Disk); HP Black LaserJet Toner Cartridge (~10,000 pages); Getting Started Guide, CD containing drivers and electronic documentation; Power cord; 500-sheet input tray
Warranty	One-year, on-site warranty		

## Environmental ranges

Temperature range	Operating: 50 to 91° F (10 to 32.5° C) Recommended: 50 to 91° F (10 to 32.5° C) Storage: 32 to 140° F (0 to 60° C)
Humidity range	Operating: 20 to 80% RH Recommended: 30 to 70% RH Non-operating: 10 to 90% RH

## Acoustic<sup>4</sup>

Power Emissions	6.8 B(A)
Power Emissions (ready)	Inaudible
Pressure Emissions Bystander (active, printing):	54 dB(A)
Pressure Emissions Bystander (ready):	Inaudible

## Power

Power Supply Type	Built-in power supply
Power Supply required	Input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)
Power Consumption <sup>5</sup>	786 watts (Printing), 22.1 watts (Ready), 6.1 watts (Sleep), 0.21 watts (Off)
Typical Electricity Consumption (TEC)	3.289 kWh/Week

## Safety approvals and requirements

IEC 60950-1:2005 +A1; EN60950-1: 2006 +A11:2009 +A1:2010 +A12:2011; IEC 60825-1:2007 (Class 1 Laser/Led Product); EN 60825-1:2007 (Class 1 Laser/LED Product); UL/cUL Listed (USA/Canada); GS Certificate (Germany, Europe); IEC 62479:2010; EN 62479:2010; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries

## Electromagnetic emission standard

CISPR 22:2008 / EN 55022:2010 (Class A); EN 61000-3-2 :2006 +A1:2009 +A2:2009; EN 61000-3-3 :2008; EN 55024:1998 +A1 +A2; FCC Title 47 CFR, Part 15 Class A(USA); ICES-003, Issue 4 (Canada); EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries

<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see [www.hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</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>3</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>4</sup> Acoustic values are subject to change. For current information see [www.hp.com/support](http://www.hp.com/support). Configuration tested: M712dn model, simplex printing, A4 paper at an average of 41 ppm. <sup>5</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. Values subject to change, see [www.hp.com/support](http://www.hp.com/support) for current information.



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