



# HP Sales Central

## HP LaserJet Enterprise 700 Printer M712n (CF235A)

Active as of 11/1/2012

### Detailed Specifications

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#### 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 CF242A, HP LaserJet 3500-sheet HCI 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

#### Acoustic power emissions (active, printing)

6.8 B(A)

#### Acoustic power emissions (ready)

Inaudible

#### Acoustic power footnote number

[4]

#### Acoustic power note

Acoustic values are subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: M712dn model, simplex printing, A4 paper at an average of 41 ppm.

#### Acoustic pressure emissions bystander (active, printing)

54 dB(A)

#### Acoustic pressure emissions bystander (ready)

Inaudible

#### Automatic paper sensor

No

#### Bottom margin (A4)

2 mm

#### Cable included

No, please purchase USB cable separately

#### Code name

Annapurna

#### Compatible Operating Systems

Windows 10, 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 (<http://www.hp.com/go/upd>); Novell (<http://www.novell.com/iprint>); Linux (<http://www.hplip.net>); UNIX (<http://www.hp.com/go/unix>, <http://www.hp.com/go/unixmodelscripts>, [http://www.hp.com/go/jetdirectunix\\_software](http://www.hp.com/go/jetdirectunix_software)); SAP device types (<http://www.hp.com/go/sap/drivers>, <http://www.hp.com/go/sap/print>); HP ePrint Mobile Driver (<http://www.hp.com/go/eprintmobiledriver>)

#### Connectivity, optional

802.11b/g/n wireless LAN (station mode), other networking accessories, HP Jetdirect 2700w USB Wireless Print Server

#### Connectivity, standard

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)

#### 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

#### Count of cartons per pallet layer

**Count of layers in pallet**

3

**Country of origin**

Made in China

**Datasheet photo 1**

Publication photos/IPG\_HW\_M712dn.jpg

**Datasheet photo 4**

Publication photos/LJ Ent 700 M712 wkp.jpg

**Display**

2-in, 4-line LCD (color text and graphics)

**Driver updates**

Current HP printer drivers and software for all supported operating systems can be obtained from HP Support Web site, [hp.com/go/lj700M712\\_software](http://hp.com/go/lj700M712_software)

**Duplex printing**

Manual (driver support provided)

**Duty cycle (monthly, A4)**

Up to 100,000 pages

**Duty cycle (monthly, letter)**

Up to 100,000 pages

**Duty cycle footnote number**

[2]

**Duty cycle note**

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.

**Eco label**

ENERGY STAR® qualified

**Electromagnetic compatibility**

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); other EMC approvals as required by individual countries

**Energy efficiency**

CECP, Taiwan Green Mark

**Energy savings feature technology**

HP Auto-On/Auto-Off Technology; Instant-on Technology

**Envelope Feeder**

No

**FCC Class A emissions**

FCC Class A emissions - for use in commercial environments, not residential environments

**Finished output handling**

Sheetfed

**First page out black (A4, ready)**

As fast as 10.5 sec

**First page out black (letter, ready)**

As fast as 10.5 sec

**First page out black (letter, sleep)**

As fast as 23.5 sec

**Functions**

Print

**HP ePrint capability**

Yes

**Image legal disclaimer**

Product image may differ from actual product

**Input capacity**

Up to 600 sheets

**Internal Storage**

None

**Left margin (A4)**

2 mm

**Legal disclaimer**

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**Mac compatible**

Yes

**Maximum dimensions (W x D x H)**

33.8 x 38.9 x 15.4 in

**Maximum dimensions (W x D x H)**

858 x 989 x 392 mm

**Maximum input capacity (sheets)**

Up to 4600 sheets (CF239A (1x) and CF243A can be installed together; no other input accessories can be combined)

**Maximum Memory**

1 GB

**Maximum metric depth**

989

**Maximum metric height**

392

**Maximum metric width**

858

**Maximum output capacity (sheets)**

Up to 250 sheets

**Media size, tray 1**

A3; A4; A5; B4 (JIS); B5 (JIS); 76.2 x 127 to 312 x 469.9 mm

**Media size, tray 2**

A4; A5; B4 (JIS); B5 (JIS); 148 x 210 to 297 x 363 mm

**Media size, tray 3**

A3; A4; A5; B4 (JIS); B5 (JIS); 148 x 210 to 297 x 431 mm

**Media sizes supported**

Tray 1, 2: A3; A4; A5; B4 (JIS); B5 (JIS); Tray 3: A3; A4; A5; B4 (JIS); B5 (JIS)

**Media sizes supported**

Tray 1: Letter, legal, executive, 8.5 x 13 in, 11 x 17 in; Tray 2: Letter, legal, executive, 8.5 x 13 in; Tray 3: letter, legal, executive, 8.5 x 13 in, 11 x 17 in

**Media sizes supported, key**

A4; A3

**Media sizes supported, key**

Letter; Legal; 11 x 17 in

**Media sizes, custom**

Tray 1: 3 x 5 to 12.3 x 18.5 in; Tray 2: 5.8 x 8.3 to 11.7 to 14.3 in; Tray 3: 5.8 x 8.3 to 11.7 to 17 in

**Media sizes, custom**

Tray 1: 76.2 x 127 to 312 x 469.9 mm; Tray 2: 148 x 210 to 297 to 363 mm; Tray 3: 148 x 210 to 297 to 431 mm

**Media type and capacity, tray 1**

Sheets: 100; envelopes: 10; labels: 100; transparencies: 100; postcards: 10

**Media type and capacity, tray 2**

Sheets: 250

**Media type and capacity, tray 3**

sheets: 250

**Media types**

Paper (color, letterhead, light, plain, preprinted, prepunched, recycled, rough, tough paper), bond, cardstock, envelope, labels, transparency, vellum

**Media weight (tray 1)**

60 to 199 g/m<sup>2</sup>

**Media weight (tray 2)**

60 to 120 g/m<sup>2</sup>

**Media weight (tray 3)**

60 to 120 g/m<sup>2</sup>

**Media weight, supported**

Tray 1: 16 to 53 lb; Tray 2, 3: 16 to 32 lb

**Media weight, supported**

Tray 1: 60 to 199 g/m<sup>2</sup>; Tray 2, 3: 60 to 120 g/m<sup>2</sup>

**Memory**

512 MB

**Memory Slots**

One 144 pin DDR2 DIMM slot

**Memory upgrade**

Expandable to 1 GB through 1 industry-standard DIMM slot

**Metric depth**

585

**Metric height**

392

**Metric width**

568

**Minimum dimensions (W x D x H)**

22.4 x 23.4 x 15.4 in

**Minimum dimensions (W x D x H)**

568 x 585 x 392 mm

**Minimum System Requirements**

Windows 10, 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 <http://www.microsoft.com>

**Minimum System Requirements for Macintosh**

Mac OS X v10.6, 10.7; 200 MB available hard disk space; operating system compatible hardware system requirements, see [apple.com](http://apple.com)

**Mobile printing capability**

HP ePrint; Apple AirPrint™; Mopria™-certified

**Network capabilities**

Yes, via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard); 802.11b/g/n wireless networking (optional)

**Network protocols, supported**

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

**Network ready**

Standard (built-in Gigabit Ethernet)

**Non-Operating Humidity Range**

10 to 90% RH

**Number of print cartridges**

1 (black)

**Number of users**

10-30 Users

**Operating humidity range**

20 to 80% RH

**Operating system (supported note)**

Windows Installer has the same Operating System support as the driver except the following: Windows XP® SP2+ (32-bit only); Windows® Server 2003 SP1+ (32-bit only); Windows Vista® Starter not supported in Driver nor Installer

**Operating temperature range**

10 to 32.5°C

**Operating temperature range**

50 to 91°F

**Output capacity**

Up to 250 sheets

**Package dimensions (W x D x H)**

31.9 x 30.9 x 25.4 in

**Package dimensions (W x D x H)**

810 x 785 x 644 mm

**Package weight**

41.8 kg

**Package weight**

91.9 lb

**Page yield footnote**

Declared yield value for black cartridge in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

**Pallet dimensions**

32.5 x 31.5 x 82 in

**Pallet dimensions (W x D x H)**

825 x 800 x 2082 mm

**Pallet weight**

148.1 kg

**Pallet weight**

325.8 lb

**Paper handling input, optional**

Optional 500-sheet input tray, optional 1 x 500-sheet paper feeder with cabinet and stand, optional 3 x 500-sheet paper feeder with stand, optional 3500-sheet high capacity input tray with stand

**Paper handling input, standard**

100-sheet multipurpose tray, 2 x 250-sheet input trays

**Paper handling output, standard**

250-sheet output bin

**Paper trays, maximum**

6

**Paper trays, standard**

3

**Ports**

1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000 Base-T; 1 Hi-Speed USB 2.0 Easy Access USB; 1 Hardware Integration Pocket (HIP)

**Power**

Input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)

**Power consumption**

786 watts (Printing), 22.1 watts (Ready), 6.1 watts (Sleep), 0.21 watts (Off)

**Power consumption Note**

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 [hp.com/support](http://hp.com/support) for current information.

**Power supply type**

Built-in power supply

**Print colors**

No

**Print languages**

HP PCL 6, HP PCL 5, HP postscript 3 emulation, native PDF printing (v 1.4)

**Print quality black (best)**

Up to 1200 x 1200 dpi

**Print quality 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

**Print speed**

Print speed up to 41 ppm (black)

**Print speed (A4/letter) footnote number**

[1]

**Print speed black (ISO, A4)**

Up to 41 ppm

**Print speed black (ISO, letter)**

Up to 40 ppm

**Print speed black (normal, A3)**

Up to 20 ppm

**Print speed black (normal, tabloid)**

Up to 20 ppm

**Print speed duplex (A4)**

Up to 26 ipm

**Print speed duplex (letter)**

Up to 26 ipm

**Print speed footnote**

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.

**Print technology**

Laser

**Print Technology**

Laser

**Printer Management**

HP Web Jetadmin, HP Utility (Mac)

**Printer smart software features**

HP ePrint, Apple AirPrint™, Mopria-certified, HP Auto On/Auto Off technology, FutureSmart Firmware, Hardware Integration Pocket, Easy Access USB

**Processor speed**

800 MHz

**Product note**

FCC Class A emissions device for use in commercial environments, not residential environments[11]

**Quantity per pallet**

3

**Recommended monthly page volume**

5000 to 20,000

**Recommended monthly page volume footnote number**

[3]

**Recommended monthly page volume note**

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.

**Recommended operating humidity range**

30 to 70% RH

**Recommended operating temperature range**

10 to 32.5°C

**Recommended operating temperature range**

50 to 91°F

**Replacement cartridges**

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

**Right margin (A4)**

2 mm

**RMN number**

BOISB-1105-00

**Safety**

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); IEC 62479:2010; EN 62479:2010; other safety approvals as required by individual countries

**Security management**

Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 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

**Services**

Assembly, network configuration, and basic administrator familiarization

**Services**

Onsite replacement of your printer's maintenance kit including parts, materials, and labor

**Services**

Onsite service the next business day after the service call is received

**Services**

Onsite support within four hours after a service call received within the coverage window

**Services (Care Pack)**

HP 2-year Next Business Day HW Support U6Y95E; HP 3-year Next Business Day HW Support U6Y96A; HP 3-year Next Business Day HW Support U6Y96E; HP 4-year Next Business Day HW Support U6Y97E; HP 5-year Next Business Day HW Support U6Y98E; HP 3-year 4h 9x5 HW Support U6Y99E; HP 3-year 4h 13x5 HW Support U6Z00E; HP 4-year 4h 9x5 HW Support U6Z01E; HP 4-year 4h 13x5 HW Support U6Z02E; HP 5-year 4h 9x5 HW Support U6Z03E; HP 5-year 4h 13x5 HW Support U6Z04E; HP 3-year Next Business Day with DMR Support U6Z05E; HP 4-year Next Business Day with DMR Support U6Z06E; HP 5-year Next Business Day with DMR Support U6Z07E; HP 3-year Next Business Day Channel Remarket Printer Support U6Z11E; HP 4-year Next Business Day Channel Remarket Printer Support U6Z12E; HP 5-year Next Business Day Channel Remarket Printer Support U6Z13E; HP 3-year Next Business Day Call-to-Repair with DMR Support U6Z14E; HP 4-year Next Business Day Call-to-Repair with DMR Support U6Z15E; HP 5-year Next Business Day Call-to-Repair with DMR Support U6Z16E; HP 3-year Second Business Day Call-to-Repair with DMR Support U6Z17E; HP 4-year Second Business Day Call-to-Repair with DMR Support U6Z18E; HP 5-year Second Business Day Call-to-Repair with DMR Support U6Z19E; HP 1-year Post Warranty Next Business Day HW Support U6Z20PA; HP 1-year Post Warranty Next Business Day HW Support U6Z20PE; HP 2-year Post Warranty Next Business Day HW Support U6Z21PE; HP 1-year Post Warranty 4h 9x5 Support U6Z22PE; HP 1-year Post Warranty 4h 13x5 Support U6Z23PE; HP 1-year Post Warranty Next Business Day with DMR Support U6Z24PE; HP 1-year Post Warranty Channel Remarket Printer Support U6Z26PE; HP 1-year Post Warranty Next Business Day Call-to-Repair with DMR HW Support U6Z27PE; HP 1-year Post Warranty Second Business Day Call-to-Repair with DMR HW Support U6Z28PE

**Services description headline 01**

Onsite Support:

**Services description headline 02**

Next Business Day Onsite Support:

**Services description headline 03**

Maintenance Kit Replacement Service:

**Services description headline 04**

Installation with Network Configuration Service:

**Software included**

Windows Installer, HP PCL 6 discrete driver, Mac Installer, HP Postscript emulation driver

**Standard input capacity (envelopes)**

Up to 10 envelopes

**Standard output capacity (envelopes)**

Up to 50 envelopes

**Standard output capacity (transparencies)**

Up to 250 sheets

**Storage device and direct print support**

Front-facing USB/Flash drive

**Storage temperature range**

0 to 60°C

**Storage temperature range**

32 to 140°F

**SureSupply note**

HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit [hp.com/go/SureSupply](http://hp.com/go/SureSupply); only available with Original HP supplies; Internet access required.

**SureSupply supported**

Yes

**Target user and print volume**

For teams over 25 users; Prints up to 20,000 pages/month

**Tariff numbers**

8443321010

**Tech spec footnote**

[1] 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.

**Tech spec footnote**

[2] 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.

**Tech spec footnote**

[3] 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.

**Tech spec footnote**

[4] Acoustic values are subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: M712dn model, simplex printing, A4 paper at an average of 41 ppm.

**Tech spec footnote**

[5] 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 [hp.com/support](http://hp.com/support) for current information.

**Top key features**

Front-facing USB printing

**Top margin (A4)**



2 mm

**Tray capacity**

600

**Typical electricity consumption (TEC) number**

3.289 kWh/Week

**UNSPSC code**

43212105

**UPC number**

(AB0) 886112999445; (AB1) 886112999452; (AB2) 886112999469; (ABJ) 886112999476; (ABT) 886112999513; (ABY) 886112999520; (ACJ) 886112999483; (ACQ) 886112999537; (B19) 886112999544; (BAZ) 886112999551; (BBU) 886112999490; (BGJ) 886112999568; (BGM) 886112999506

**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.

**Weight**

34.7 kg

**Weight**

76.5 lb

**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

**Wireless capability**

Optional, enabled with purchase of a hardware accessory

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