



HP Sales Central

HP LaserJet Enterprise M610dn (7PS82A)

Active as of 01-05-2020



Overview

This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security.¹

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at:
<http://www.hp.com/learn/ds>

The world's most secure printing¹

With HP Sure Start, operating code is automatically checked at startup and repairs itself if compromised.

Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.

Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.²

Performance and protection you can count on

Produce sharp text, bold blacks, and crisp graphics with precision black toner.

Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.

Spend less time replacing toner, and more on business.

High-speed performance meets energy efficiency

Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.

This printer wakes up and prints your first page fast—in as quickly as 7.8 seconds.⁴

This printer uses low amounts of energy thanks to its innovative design and toner technology.

Replaces

Status	Product Name	Discontinued	SKU
Discontinued	HP LaserJet Enterprise M607dn	31-08-2022	K0Q15A

Specifications

Functions

Print

Print speed black (ISO, A4)

Up to 52 ppm⁷ 1

([7] 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.)

3

Print speed duplex (A4)

Up to 43 ipm

First page out black (A4, ready)

As fast as 5.1 sec

Duty cycle (monthly, A4)

Up to 250,000 pages¹⁰ 1

(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.)

3

Recommended monthly page volume

5000 to 20,000¹¹ 1

(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.)

3

Number of users

10-30 Users

Print technology

Laser

Print quality black (best)

Up to 1200 x 1200 dpi

Processor speed

1.2 GHz

Print languages

HP PCL 6, HP PCL 5, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™

Display

(10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display

Print colors

No

Number of print cartridges

1 (black)

Mac compatible

Yes

Printer Management

HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);

Security management

Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs

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 <http://www.hp.com/go/laserjetfonts>

Mobile printing capability

HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified⁶ 1

Wireless capability

Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A

Connectivity, standard

1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket

Connectivity, optional

HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A

Minimum System Requirements

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com

Minimum System Requirements for Macintosh

2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com

Compatible Operating Systems

Windows Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Sierra v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Mojave v10.15, Discrete PCL6 Printer Driver-, For more information on the supported operating systems go to <http://support.hp.com>, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to <http://support.hp.com>, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd;

Compatible Network Operating Systems

Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, "Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see <http://citrixready.citrix.com>, Linux- For more information see <http://developers.hp.com/hp-linux-imaging-and-printing>, Unix- For more information see <http://hp.com/go/unixmodelscripts>, Linux- For more information see <http://developers.hp.com/hp-linux-imaging-and-printing>, Unix- For more information see <http://hp.com/go/unixmodelscripts>, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to <http://support.hp.com>, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd;

Memory

512 MB

Maximum Memory

1.5 GB, MAX memory, when 1GB Accessory DIMM is installed

Memory Slots

1 slot, 90-pin

Internal Storage

Optional, 500 GB (with accessory B5L29A)

Paper handling input, standard

100-sheet multipurpose feeder, 550-sheet input feeder

Paper handling input, optional

Optional 1x550-sheet paper feeder, optional high capacity 1x2100-sheet paper feeder, optional envelope feeder

Input capacity

Up to 650 sheets

Maximum input capacity (sheets)

Up to 4400 sheets

Paper handling output, standard

500 sheet output bin

Paper handling output, optional

Optional 5 bin stapler stacker

Output capacity

Up to 500 sheets

Maximum output capacity (sheets)

Up to 1300 sheets

Finished output handling

Sheetfed

Duplex printing

Automatic (standard)

Paper trays, standard

2

Paper trays, maximum

Up to 6

Envelope Feeder

Yes, 75 (optional)

Media sizes supported

100-sheet multipurpose Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS), Envelope: B5, C5, C6, DL; 550-sheet input Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 550-sheet optional feeder: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 2000-sheet optional HCL: A4; 75-sheet optional envelope feeder: B5, C5, C6, DL

Media sizes, custom

100-sheet multipurpose Tray 1: 76 x 127 to 216 to 356 mm; 550-sheet input Tray 2: 99 x 148 to 216 x 356 mm; 550-sheet optional feeder: 99 x 148 to 216 x 356 mm; 75-sheet envelope feeder: 90 x 148 to 178 x 254 mm

Media types

Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope

Media weight, supported

Feeder 1: 60 to 200 g/m²; feeder 2: 60 to 120 g/m²; Automatic Duplexer: 60 to 120 g/m²

Power

100V - 127V nominal @ +/-10% (min 90V, max 140V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 12 A; 220V - 240V nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 6 A. Not dual voltage, power supply varies by part number with # Option code identifier.

Power supply type

Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier)

Power consumption

775 watts (printing), 14.98 watts (ready), 4.28 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off)³ 1

(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. Power consumption values typically based on measurement of 115V device.)

3

Typical electricity consumption (TEC) number

Blue Angel: 2.113 kWh/Week; Energy Star: 0.621 kWh/Week

Ecolabels

ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#AAZ, #201 options only)

Energy star certified

Yes

Operating temperature range

10 to 32.5°C

Recommended operating humidity range

30 to 70% RH

Minimum dimensions (W x D x H)

431 x 466 x 380 mm

Maximum dimensions (W x D x H)

431 x 1040 x 453 mm

Weight

21.6 kg

UPC number

(697) 194721346155; (AB0) 194721346162; (AB2) 194721346179; (ABJ) 194721346186; (ABT) 194721346193; (ABY) 194721346209; (AC4) 194721346216; (AC8) 194721346223; (ACJ) 194721346230; (ACQ) 194721346247; (AKV) 194721346254; (B13) 194721346261; (B19) 194721346278; (BAZ) 194721346285; (BBU) 194721346292; (BGJ) 194721346308; (BGM) 194721346315

Package dimensions (W x D x H)

597 x 497 x 539 mm

Package weight

27.3 Kg

Quantity per pallet

16 AMS/EMEA 12 APJ

Pallet dimensions (W x D x H)

1200 x 1000 x 2307 mm AMS/EMEA, 1200 x 1000 x 1768 mm APJ

Pallet weight

456.6 Kg AMS/EMEA, 347.6 kg AP

Country of origin

Made in Japan (201, AAZ); Made in China (AB0, AB2, ABJ, ACJ, BBU, BGM, ABT, ABY, ACQ, B13, B19, BAZ, AC4, AC8, AKV, BGJ)

What's in the box

HP LaserJet Multifunction Printer
HP Black Original LaserJet Toner Cartridge (~10.5K yield)
Documentation (Hardware Install Guide, Regulatory Flyer)
Power cord.

Cable included

No, please purchase (USB) cable separately

Replacement cartridges

HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A

(Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.)

3

Software included

No software solutions are included in the Box
only on <http://hp.com>
<http://123.hp.com>;

Manufacturer Warranty

One-year 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.

Overview

- 1 HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: hp.com/go/PrintersThatProtect. For more information, visit: <http://www.hp.com/go/PrinterSecurityClaims>
- 2 HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>
- 4 Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

Specifications

- 3 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. Power consumption values typically based on measurement of 115V device.
- 6 Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono simplex A4 at 53 ppm.
- 7 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.
- 10 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.
- 11 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.

Detailed Specifications

Accessories

LOH17A HP LaserJet 550-sheet Paper Tray; LOH18A HP LaserJet 2100 Sheet Paper Tray; LOH19A HP LaserJet Printer Stand; LOH20A HP LaserJet Stapler/Stacker/Mailbox; LOH21A HP LaserJet Envelope Feeder; LOH22A HP LaserJet Extension Tray Cover; 2MU47A HP Accessibility Assistant; 2NR03A HP 1 GB 90-pin DDR3 DIMM; 2NR12A HP Removable Hard Drive Enclosure; 3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory; 5EL03A HP TAA Version Secure Hard Disk Drive; B5L28A HP Internal USB Ports; B5L29A HP High-Performance Secure Hard Disk; CC543B HP SmartCard NIPRNet Solution for US Government; F2A86A HP Internal USB Ports; G6W84A HP 1 GB 90-pin DDR3 DIMM; X3D03A HP Universal USB Proximity Card Reader; Y7C05A HP HIP2 Keystroke Reader; 4QL32A HP Legic Secure USB Reader; J8031A HP Jetdirect 2900nw Print Server

Acoustic power emissions (active, printing)

6.9 B(A)

Acoustic power emissions (ready)

Inaudible

Acoustic power footnote number

[6]

Acoustic power note

Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono simplex A4 at 53ppm.

Acoustic pressure emissions bystander (active, printing)

55 dB(A)

Acoustic pressure emissions bystander (ready)

Inaudible

Additional information about HP

<http://www.hp.com>

Additional information about HP in the countries

<http://www.hp.com/uk>

Automatic paper sensor

No

Bottom margin (A4)

4.3 mm

Cable included

No, please purchase (USB) cable separately

Capacity

Optional 500 GB Hard Disk

Cartons per layer

4

Code name

Argon

Compatible Network Operating Systems

Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, "Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see <http://citrixready.citrix.com>, Linux- For more information see <http://developers.hp.com/hp-linux-imaging-and-printing>, Unix- For more information see <http://hp.com/go/unixmodelscripts>, Linux- For more information see <http://developers.hp.com/hp-linux-imaging-and-printing>, Unix- For more information see <http://hp.com/go/unixmodelscripts>, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to <http://support.hp.com>, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd;

Compatible Operating Systems

Windows Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Sierra v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Mojave v10.15, Discrete PCL6 Printer Driver-, For more information on the supported operating systems go to <http://support.hp.com>, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to <http://support.hp.com>, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd;

Connectivity, optional

HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A

Connectivity, standard

1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket

Control panel

(10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display

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Count of layers in pallet

4 AMS/EMEA, 3 APJ

Country of origin

Made in Japan (201, AAZ); Made in China (ABO, AB2, ABJ, ACJ, BBU, BGM, ABT, ABY, ACQ, B13, B19, BAZ, AC4, AC8, AKV, BGJ)

Datasheet photo 1

AHID/6eded5f90b502443130c694b3a15789a85a312f3

Datasheet photo 3

Publication photos/walkaround 1 for M610dn wyh.jpg

Datasheet photo 4

Publication logos/HP_Web_Jetadmin.wyh.jpg

Datasheet photo 5

AHID/5ba6fa87daf32149f810b658df8333d19f198056

Datasheet publication number

4AA7-6732EEP

Display

(10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display

Display area (imperial)

3.74 x 2.32 in

Display area (metric)

95.04 x 53.86 mm

Downloadable software

From <http://123.hp.com>-, HP Easy Start (Guided Software Install for Windows and Mac), From <http://hp.com> for Windows OS-, Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From <http://hp.com> for Mac OS-, HP Easy Start (Guided Software Install), HP Mac OS Print Driver, HP Easy Admin, For Mobile OS-, iOS For more information see <http://hp.com/go/businessmobileprinting>, Android For more information see <http://hp.com/go/businessmobileprinting>, From <http://hp.com> for printer administrators-, Printer Administrator Resource Kit (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows, HP ePrint Software (Mobile Driver for Windows), SAP Print Drivers for more information see <http://support.hp.com/us-en/document/c05051702>, HP Web JetAdmin, HP JetAdvantage Security Manager, HPLIP Linux Printer Driver for more information see <http://hplipopensource.com/hplip-web/index.html>, Unix Model Script Printer Driver for more information see <http://hp.com/go/unixmodelscripts>;

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to <http://www.hp.com/support/> (country/region may need to be selected) Select "Support", Select "Software and Drivers", Select "Printer", Enter a product name/number, (The operating system is automatically detected), Select a driver or other software, Select "Download"

Duplex printing

Automatic (standard)

Duty cycle (monthly, A4)

Up to 250,000 pages

Duty cycle (monthly, letter)

Up to 250,000 pages

Duty cycle footnote number

[10]

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.

Dynamic security

Dynamic security enabled printer

Ecolabels

ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#AAZ, #201 options only)

Ecolabels footnote

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

Electromagnetic compatibility

CISPR 22:2008 (International) Class A, CISPR 32:2012 (International) Class A / EN 55032:2012 Class A, CISPR 35:2016 (International) Class A / EN 55035:2017 Class A, EN 55024:2010 +A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, FCC CFR 47 Part 15 Class A, ICES-003, Issue 6 Class A. Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU. Other EMC approvals as required by individual countries.

Energy savings feature technology

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

Energy star certified

Yes

Envelope Feeder

Yes, 75 (optional)

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 5.1 sec

First page out black (A4, sleep)

As fast as 7.9 sec in mm

First page out black (letter, ready)

As fast as 5.0 sec

First page out black (letter, sleep)

As fast as 7.8 sec

First page out footnote

[9] Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

First page out footnote number

[9]

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 <http://www.hp.com/go/laserjetfonts>

Functions

Print

Image legal disclaimer

Product image may differ from actual product

Input capacity

Up to 650 sheets

Internal Storage

Optional, 500 GB (with accessory B5L29A)

Left margin (A4)

4.3 mm

Legal disclaimer

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Mac compatible

Yes

Manufacturer Warranty

One-year 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.

Maximum dimensions (W x D x H)

17 x 40.9 x 17.8 in

Maximum dimensions (W x D x H)

431 x 1040 x 453 mm

Maximum input capacity (sheets)

Up to 4400 sheets

Maximum Memory

1.5 GB, MAX memory, when 1GB Accessory DIMM is installed

Maximum output capacity (sheets)

Up to 1300 sheets

Maximum print area

212 x 352 mm

Media size, tray 1

A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS), Envelope: B5, C5, C6, DL

Media size, tray 2

A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS)

Media size, tray 3

550-sheet input Tray 3, 4, 5, 6: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 2100-sheet HCI Tray 3, 4, 5, 6: A4; 75-sheet envelope Tray 3, 4: B5, C5, C6, DL

Media sizes supported

100-sheet multipurpose Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS), Envelope: B5, C5, C6, DL; 550-sheet input Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 550-sheet optional feeder: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 2000-sheet optional HCI: A4; 75-sheet optional envelope feeder: B5, C5, C6, DL

Media sizes supported

100-sheet multipurpose Tray 1: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, Envelopes: #9, #10, Monarch; 550-sheet input Tray 2: Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional feeder: Letter, Legal, Executive, Statement, Oficio

(8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional HCl: Letter, Legal; 75-sheet optional envelope feeder: #9, #10, Monarch

Media sizes supported, key

4 x 6 in; Letter; Legal; Envelopes

Media sizes supported, key

A4; Envelopes

Media sizes, custom

100-sheet multipurpose Tray 1: 3 x 5 to 8.5 x 14 in; 550-sheet input Tray 2: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 75-sheet envelope feeder: 3.5 x 5.8 to 7 x 10 in

Media sizes, custom

100-sheet multipurpose Tray 1: 76 x 127 to 216 to 356 mm; 550-sheet input Tray 2: 99 x 148 to 216 x 356 mm; 550-sheet optional feeder: 99 x 148 to 216 x 356 mm; 75-sheet envelope feeder: 90 x 148 to 178 x 254 mm

Media type and capacity, tray 1

Sheets: 100; transparencies, cardstock (163 g/m²): 50; Cardstock (200 g/m²): 30; Envelopes: 10

Media type and capacity, tray 2

Sheets: 550; Labels, Transparencies: 100

Media type and capacity, tray 3

Sheets: 550; Labels, Transparencies: 100

Media types

Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope

Media weight (tray 1)

60 to 200 g/m²

Media weight (tray 2)

60 to 120 g/m²

Media weight (tray 3)

60 to 120 g/m²

Media weight, supported

Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2: 16 to 32 lb bond (plain); Automatic Duplexer: 16 to 32 lb

Media weight, supported

Feeder 1: 60 to 200 g/m²; feeder 2: 60 to 120 g/m²; Automatic Duplexer: 60 to 120 g/m²

Memory

512 MB

Memory Slots

1 slot, 90-pin

Memory upgrade

Expandable to 1.5 GB through 1 GB 90-pin DDR3 DIMM

Minimum dimensions (W x D x H)

17 x 18.3 x 15 in

Minimum dimensions (W x D x H)

431 x 466 x 380 mm

Minimum System Requirements

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com

Minimum System Requirements for Macintosh

2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com

Mobile printing capability

HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified

Mobile printing capability footnote number

[6]

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); 802.11a/b/g/n wireless networking (optional).

Network protocols, supported

Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x

Number of print cartridges

1 (black)

Number of users

10-30 Users

Operating humidity range

10 to 80% RH

Operating temperature range

10 to 32.5°C

Operating temperature range

50 to 91°F

Orderable supplies

HP Staple Cartridge Refill J8J96A, HP LaserJet 110v Maintenance Kit LOH24A, HP LaserJet 220v Maintenance Kit LOH25A

Output capacity

Up to 500 sheets

Package dimensions (W x D x H)

23.50 x 19.57 x 21.22 in

Package dimensions (W x D x H)

597 x 497 x 539 mm

Package weight

27.3 Kg

Package weight

60.1 lb

Page yield (set-up/inbox cartridges)

~10,500 pages black

Page yield footnote

Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

Page yield footnote number

[5] Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

Pallet dimensions

47.2 x 39.4 x 90.8 in AMS/EMEA, 47.2 x 39.4 x 69.6 in APJ

Pallet dimensions (W x D x H)

1200 x 1000 x 2307 mm AMS/EMEA, 1200 x 1000 x 1768 mm APJ

Pallet weight

1006.5 lb AMS/EMEA, 766.2 lb AP

Pallet weight

456.6 Kg AMS/EMEA, 347.6 kg AP

Paper handling input, optional

Optional 1x550-sheet paper feeder, optional high capacity 1x2100-sheet paper feeder, optional envelope feeder

Paper handling input, standard

100-sheet multipurpose feeder, 550-sheet input feeder

Paper handling output, optional

Optional 5 bin stapler stacker

Paper handling output, standard

500 sheet output bin

Paper trays, maximum

Up to 6

Paper trays, standard

2

Photo (product photo, jpg, 70x100)

Printing and Digital Imaging/CB515A_70x100.jpg

Power

100V - 127V nominal @ +/-10% (min 90V, max 140V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 12 A; 220V - 240V nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 6 A. Not dual voltage, power supply varies by part number with # Option code identifier.

Power consumption

775 watts (printing), 14.98 watts (ready), 4.28 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off)

Power consumption footnote number

[3]

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. Power consumption values typically based on measurement of 115V device.

Power supply type

Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier)

Print colors

No

Print languages

HP PCL 6, HP PCL 5, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™

Print quality black (best)

Up to 1200 x 1200 dpi

Print quality black (normal)

FastRes 1200

Print resolution black (fine lines)

Up to 1200 x 1200 dpi

Print Resolution Technologies

Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi), Economode (600 x 600 dpi)

Print speed

Up to 55 ppm black

Print speed (A4/letter) footnote number

[7]

Print speed black (ISO, A4)

Up to 52 ppm

Print speed black (ISO, letter)

Up to 55 ppm

Print speed black (Landscape, A5)

Up to 80 ppm

Print speed black (Portrait, A5)

Up to 6 ppm

Print speed duplex (A4)

Up to 43 ipm

Print speed duplex (letter)

Up to 45 ipm

Print speed footnote

[7] 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.

Print speed footnote (A5)

[8] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Print speed footnote number (A5)

[8]

Print technology

Laser

Printer Management

HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);

Printer smart software features

Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB

Processor speed

1.2 GHz

Product long name specifications

HP LaserJet Enterprise M610dn - Print: Up to 52 ppm black, Up to 1200 x 1200 dpi black; Up to 250,000 pages per month duty cycle; 512 MB; 1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket

Product note

FCC Class A emissions device for use in commercial environments, not residential environments[6]

Product short name specifications

HP LaserJet Enterprise M610dn, Print, Front-facing USB printing; Energy Efficient; Strong Security

Quantity per pallet

16 AMS/EMEA 12 APJ

Recommended media weight (duplex)

16 to 32 lb

Recommended media weight (duplex)

60 to 120 g/m²

Recommended monthly page volume

5000 to 20,000

Recommended monthly page volume footnote number

[11]

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

15 to 27°C

Recommended operating temperature range

59 to 80.6°F

Replacement cartridges

HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A

Replacement cartridges footnote

Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutesupplies>.

Replacement cartridges footnote number
[5]

Right margin (A4)
4.3 mm

RMN number
BOISB-1502-00

Safety
IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries.

Security management
Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs

Services
HP 1 Year Post Warranty Next Business Day Hardware Support w/DMR

Services
HP 2 Year Post Warranty Next Business Day Hardware Support w/DMR

Services
HP 3 Year 4 Hour 9x5 HW Support W/Defective Media Retention

Services
HP 3 Year Next Business Day HW Support w/Defective Media Retention

Services
HP 3 year Next Business Day Parts Exchange Service

Services
HP 3 Year Return for Repair Service

Services
HP 4 Year 4 Hour 9x5 HW Support W/Defective Media Retention

Services
HP 4 Year Next Business Day HW Support w/Defective Media Retention

Services
HP 4 year Next Business Day Parts Exchange Service

Services
HP 4 Year Return for Repair Service

Services
HP 5 Year 4 Hour 9x5 HW Support W/Defective Media Retention

Services
HP 5 Year Next Business Day HW Support w/Defective Media Retention

Services
HP 5 year Next Business Day Parts Exchange Service

Services

HP 5 Year Return for Repair Service

Services description headline 01

U9MU0E

Services description headline 02

U9MU1E

Services description headline 03

U9MU2E

Services description headline 04

U9MU3E

Services description headline 05

U9MU4E

Services description headline 06

U9MU5E

Services description headline 07

U9MV5E

Services description headline 08

U9MV6E

Services description headline 09

U9MV7E

Services description headline 10

U9MV8E

Services description headline 11

U9MV9E

Services description headline 12

U9MW0E

Services description headline 13

U9MW4PE

Services description headline 14

U9MW5PE

Software included

No software solutions are included in the Box, only on <http://hp.com>, <http://123.hp.com>;

Standard input capacity (envelopes)

Up to 10

Standard media sizes (duplex)

A4; A5; SRA4; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm)

Standard media sizes (duplex, imperial)

Letter; Legal; Executive; Oficio (8.5 x 13 in)

Standard output capacity (envelopes)

Up to 75 envelopes

Standard output capacity (transparencies)

200

Storage

4 GB EMMC

Storage temperature range

-20 to 40°C

Storage temperature range

-4 to 104°F

Supplies feature

HP JetIntelligence Cartridge

Sustainable impact specifications

Mercury-free

Target user and print volume

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

Tariff numbers

8443321010 (National HTS); 8443321010 (AMS HTS); 8443321000 (EMEA HTS); 84433231 (AP HTS)

Tech spec footnote

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

Tech spec footnote

[10] 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

[11] 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

[12] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Tech spec footnote

[13] An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

Tech spec footnote

[2] With print cartridges

Tech spec footnote

[3] 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. Power consumption values typically based on measurement of 115V device.

Tech spec footnote

[4] BA TEC is equal to Best TEC. 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. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device

Tech spec footnote

[5] Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

Tech spec footnote

[6] Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono simplex A4 at 53 ppm.

Tech spec footnote

[7] 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.

Tech spec footnote

[8] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Tech spec footnote

[9] Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

Technology logo, print 3

Publication logos/MacOS wyh.jpg

Technology logo, print 4

Publication logos/eprint wyh.jpg

Technology logo, print 5

Publication logos/WorksWithAirPrint_AMS.jpg

Technology logo, print 6

Publication logos/AMS_Mopria.jpg

Technology logo, print 7

Publication logos/HP_Care_Pack_RGB_blue_NT.jpg

Technology logo, print 8

Publication logos/Energy Star Logo wyh.jpg

Top key features

Front-facing USB printing; Energy Efficient; Strong Security

Top margin (A4)

4.3 mm

Typical electricity consumption (TEC) footnote

[4] BA TEC is equal to Best TEC. 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. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device

Typical electricity consumption (TEC) footnote number

[4]

Typical electricity consumption (TEC) number

Blue Angel: 2.113 kWh/Week; Energy Star: 0.621 kWh/Week

UNSPSC code

43212105

UPC number

(697) 194721346155; (AB0) 194721346162; (AB2) 194721346179; (ABJ) 194721346186; (ABT) 194721346193; (ABY) 194721346209; (AC4) 194721346216; (AC8) 194721346223; (ACJ) 194721346230; (ACQ) 194721346247; (AKV) 194721346254; (B13) 194721346261; (B19) 194721346278; (BAZ) 194721346285; (BBU) 194721346292; (BGJ) 194721346308; (BGM) 194721346315

Warm-up time

130 sec

Waste electrical and electronic weight

21.6 kg

Web address for additional information

Solutions: <http://www.hp.com/go/gsc>; Fonts and IPDS Emulation: <http://www.hp.com/go/laserjetfonts>; HP Web Jetadmin: <http://www.hp.com/go/wja>; HP Universal Print Driver: <http://www.hp.com/go/upd>; HP JetAdvantage Security Manager: www.hp.com/go/securitymanager; HP JetAdvantage On Demand Cloud Solutions: www.hp.com/go/JetAdvantageondemand

Weight

21.6 kg

Weight

47.7 lb

Weight (imperial) footnote number

[2] With print cartridges

Weight (metric) footnote number

[2]

Weight note (imperial)

With print cartridges

Weight note (metric)

With print cartridges

What is in the box footnote

Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

What's in the box

HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord.

Wireless capability

Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A

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