



HP LaserJet Enterprise M610dn (7PS82A)



Overview

This HP LaserJet with JetIntelligence combines performance, energy efficiency, and security.[1]

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]

The world's most secure printing[1]

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

Performance and protection you can count on

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

High-speed performance meets energy efficiency

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

Features

HP Sure Start

Run-time Intrusion detection

Whitelisting

HP Web Jetadmin

4.3-inch (10.9 cm) color touchscreen

Eliminate the wait from your workday

[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](http://www.hp.com/go/PrintersThatProtect). For more information, visit: <http://www.hp.com/go/PrinterSecurityClaims>

Specifications

Print Resolution Technologies	Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi), Economode (600 x 600 dpi)
Print quality black (best)	Up to 1200 x 1200 dpi
Print speed black (ISO, A4)	Up to 52 ppm
Print speed black (ISO, letter)	Up to 55 ppm
Print speed	Up to 55 ppm black
Functions	Print
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 250,000 pages
Duty cycle (monthly, letter)	Up to 250,000 pages ^[10]
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
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Replacement cartridges	HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A ^[5]
Supplies feature	HP JetIntelligence Cartridge
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
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).
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
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; ROAM optional for easy printing
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

Software included

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

Environmental

Mercury-free

Energy star certified

Yes

Energy efficiency

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

Blue Angel compliant

Yes, Blue Angel RAL-UZ 205

Display area (imperial)

3.74 x 2.32 in

Display area (metric)

95.04 x 53.86 mm

Display

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

Minimum dimensions (W x D x H)

431 x 466 x 380 mm

Minimum dimensions (W x D x H)

17 x 18.3 x 15 in

Weight

21.6 kg^[2]
(With print cartridges)

Weight

47.7 lb
(With print cartridges)

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]
(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)

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.

Services (Care Pack)

U9MU0E - HP 3y NBD LJ Ent M607 M610 SVC; U9MU1E - HP 4y NBD LJ Ent M607 M610 SVC; U9MU2E - HP 5y NBD LJ Ent M607 M610 SVC; U9MU3E - HP 3y 4h 9x5 LJ Ent M607 M610 SVC; U9MU4E - HP 4y 4h 9x5 LJ Ent M607 M610 SVC; U9MU5E - HP 5y 4h 9x5 LJ Ent M607 M610 SVC; U9MU6E - HP 3y 4h 13x5 LJ Ent M607 M610 SVC; U9MU7E - HP 4y 4h 13x5 LJ Ent M607 M610 SVC; U9MU8E - HP 5y 4h 13x5 LJ Ent M607 M610 SVC; U9MV2E - HP 3y Nbd Exch LJ Ent M607 M610 Service; U9MV3E - HP 4y Nbd Exch LJ Ent M607 M610 Service; U9MV4E - HP 5y Nbd Exch LJ Ent M607 M610 Service; U9MV5E - HP 3y Return LJ Ent M607 M610 Service; U9MV6E - HP 4y Return LJ Ent M607 M610 Service; U9MV7E - HP 5y Return LJ Ent M607 M610 Service; U9MV8E - HP 3y PartsOnly LJ Ent M607 M610 SVC; U9MV9E - HP 4y PartsOnly LJ Ent M607 M610 SVC; U9MW0E - HP 5y ChnlPartsOnly LJ Ent M607 M610 SVC; U9MW1E - HP3yNBDw/Max3 MaintKit LJEntM607M610 SVC; U9MW2E - HP4yNBDw/Max3 MaintKit LJEntM607M610 SVC; U9MW3E - HP5yNBDw/Max3 MaintKit LJEntM607M610 SVC; U9MW4PE - HP 1y PW NBD LJ Ent M607 M610 SVC; U9MW5PE - HP 2y PW NBD LJ Ent M607 M610 SVC; U9MW6PE - HP 1y PW 4h 9x5 LJ Ent M607 M610 SVC; U9MW7PE - HP 2y PW 4h 9x5 LJ Ent M607 M610 SVC; U9MW8PE - HP 1y PW 4h 13x5 LJ Ent M607 M610 SVC; U9MX1PE - HP 1y PW Nbd Exch LJ Ent M607 M610 SVC; U9MX2PE - HP 1y PW Return LJ Ent M607 M610 SVC; U9MX3PE - HP 1y PW PartsOnly LJ Ent M607 M610 SVC; U9MX4PE - HP 2y PW PartsOnly LJ Ent M607 M610 SVC; U9PS8E - HP MKRS LJ M60x M610 Fuser 110 SVC; U9PS9E - HP MKRS LJ M60x M610 Fuser 220 SVC; U9JT2E - HP Inst SVC w/nw Workgroup Printer

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.

Additional 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 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
Automatic paper sensor	No
Bottom margin (A4)	4.3 mm
Cable included	No, please purchase (USB) cable separately
Capacity	Optional 500 GB Hard Disk
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 ;
Control panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Count of cartons per pallet layer	4
Count of layers in pallet	4 AMS/EMEA, 3 APJ

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)

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, HP Roam, 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"

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.

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 efficiency compliance footnote

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

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

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.

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
Input capacity	Up to 650 sheets
Internal Storage	Optional, 500 GB (with accessory B5L29A)
Left margin (A4)	4.3 mm
Mac compatible	Yes
Maximum Memory	1.5 GB, MAX memory, when 1GB Accessory DIMM is installed
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 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: 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 HCI: Letter, Legal; 75-sheet optional envelope feeder: #9, #10, Monarch
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, key	A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; 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/m ²): 50; Cardstock (200 g/m ²): 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/m ²
Media weight (tray 2)	60 to 120 g/m ²
Media weight (tray 3)	60 to 120 g/m ²
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/m ² ; feeder 2: 60 to 120 g/m ² ; Automatic Duplexer: 60 to 120 g/m ²
Memory	512 MB
Memory Slots	1 slot, 90-pin
Memory upgrade	Expandable to 1.5 GB through 1 GB 90-pin DDR3 DIMM
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 footnote	To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit http://hp.com/go/roam ^[6]
Number of print cartridges	1 (black)
Number of users	10-30 Users
Operating humidity range	10 to 80% RH
Operating temperature range	50 to 91°F
Operating temperature range	10 to 32.5°C
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)	597 x 497 x 539 mm
Package dimensions (W x D x H)	23.50 x 19.57 x 21.22 in
Package weight	60.1 lb
Package weight	27.3 Kg

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/learnaboutsplies .
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 1x550 paper feeder and stand with cabinet, optional 3x550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1x550 sheet feeder and 1x2,000-sheet 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
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
Print Technology	Laser
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 (normal)	FastRes 1200
Print resolution black (fine lines)	Up to 1200 x 1200 dpi
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 (A5)	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)	[12]
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);
Processor speed	1.2 GHz

Quantity per pallet	16 AMS/EMEA 12 APJ
RMN number	BOISB-1502-00
Recommended media weight (duplex)	16 to 32 lb
Recommended media weight (duplex)	60 to 120 g/m ²
Recommended monthly page volume	5000 to 20,000 ^[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	59 to 80.6°F
Recommended operating temperature range	15 to 27°C
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/learnaboutsplies .
Right margin (A4)	4.3 mm
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
Service level options	Onsite replacement of your printer's maintenance kit including parts, materials, and labor
Service level options	Onsite service the next business day after the service call is received

Service level options	Onsite support within four hours after the service call is received within the coverage window
Service level options	Assembly, network configuration, and basic administrator familiarization
Service level options, header	Next Business Day Onsite Support
Service level options, header	Maintenance Kit Replacement Service
Service level options, header	4 hour Onsite Support
Service level options, header	Installation with Network Configuration Service
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	-4 to 104°F
Storage temperature range	-20 to 40°C
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)
Top key features	Front-facing USB printing; Energy Efficient; Strong Security
Top margin (A4)	4.3 mm
Total package service recommended services description	4 hour Onsite Support, Maintenance Kit Replacement Service or Preventive Maintenance, Installation with Network Configuration Service
Total package service recommended services description	Next Business Day Onsite Support
Total package service recommended services description	Next Business Day Onsite Support, Maintenance Kit Replacement Service or Preventive Maintenance Service, Installation with Network Configuration Service
Total package service recommended services description headline	Standard Care (high level of uptime)
Total package service recommended services description headline	Basic Care (minimum recommended support)
Total package service recommended services description headline	Optimized Care (optimum performance and stability)

Total package service recommended services preface	Downtime can have serious consequences, so HP provides support recommendations beyond the standard warranty. You benefit from reduced risk, maximized uptime, and predictable service delivery while avoiding unbudgeted repair costs. Choose from:
Typical electricity consumption (TEC) footnote	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) number	Blue Angel: 2.113 kWh/Week; Energy Star: 0.621 kWh/Week ^[4]
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
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 .

[2] With print cartridges

[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.

[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

[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>.

[6] To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit <http://hp.com/go/roam>

[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.

JetAdvantage Printing Solutions

★ : Recommended

JetAdvantage Printing Security

Celiveo Enterprise	HP3PCELIVEO
HP Access Control Secure Printing and Job Accounting Solution	HPACSOLUTION
HP JetAdvantage Secure Print	HPJETADSECUREPRINT
HP JetAdvantage Security Manager	HPJETADSECMGR
HP Proximity Card Reader	HPPROXIMTYRDR
Kofax SafeCom Security and Job Accounting Solution	HPNSAFECOMSOL

JetAdvantage Print Management

HP JetAdvantage Insights	HPJETADINSIGHTS
HP Universal Print Driver	HPUNIVPRNTDRV
HP Web Jetadmin	HPWEBJETADMIN
LRS VPSX for Output Management	HP3PLRS

JetAdvantage Mobile Printing

HP PrinterOn Enterprise	PRINTERONENT
ePRINTit	HP3PEPRINTIT

Accessories

Memory

★ : Recommended

DDR Memory

HP 1 GB 90-pin DDR3 DIMM

2NR03A

HP 1 GB 90-pin DDR3 DIMM

G6W84A

Accessory Bundles

Printer Accessibility Accessories

HP Accessibility Assistant

2MU47A

Data Security Accessories

HP Removable Hard Drive Enclosure

2NR12A

Security and Protection

Smart Cards and SmartCard Readers

HP HIP2 Keystroke Reader

Y7C05A

HP Legic Secure USB Reader

4QL32A

HP SmartCard NIPRNet Solution for US Government

CC543B

HP Universal USB Proximity Card Reader

X3D03A

PC Drives and Storage

EIO Hard Drives

HP High-Performance Secure Hard Disk

B5L29A

HP TAA Version Secure Hard Disk Drive

5EL03A

Cables/Cable Kits/Cable Adapters

Port Cables and Cable Adapters

HP Internal USB Ports

B5L28A

Network Print Servers

External Print Servers

HP Jetdirect 2900nw Print Server	J8031A
HP Jetdirect 3100w BLE/NFC/Wireless Accessory	3JN69A

Paper Handling

Input Trays

HP LaserJet 2100 Sheet Paper Tray	LOH18A
HP LaserJet 550-sheet Paper Tray	LOH17A
HP LaserJet Extension Tray Cover	LOH22A

Envelope Feeders

HP LaserJet Envelope Feeder	LOH21A
-----------------------------	--------

Output Trays and Stackers

HP LaserJet Stapler/Stacker/Mailbox	LOH20A
-------------------------------------	--------

Staple Cartridges

HP Staple Cartridge Refill	J8J96A
----------------------------	--------

Cabinets and Stands

Printer Cabinets and Stands

HP LaserJet Printer Stand	LOH19A
---------------------------	--------

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 147A Black Original LaserJet Toner Cartridge	W1470A
HP 147X High Yield Black Original LaserJet Toner Cartridge	W1470X
HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge	W1470Y

HP Laser Printer Supply Kits

HP LaserJet 110V Maintenance Kit	LOH24A
HP LaserJet 220V Maintenance Kit	J8J88A
HP LaserJet 220V Maintenance Kit	LOH25A

HP Paper Designed for Laser Printers

HP Laser Everyday Paper

HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/A3/297 x 420 mm	7MV81A
HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/A4/210 x 297 mm	7MV82A
HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/Letter 8.5 x 11 in	4WN08A
HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/Tabloid/11 x 17 in	4WN07A

HP Professional Laser Paper

HP Professional Glossy Laser Paper 120 gsm-250 sht/A3/297 x 420 mm	CG969A
HP Professional Glossy Laser Paper 120 gsm-250 sht/A4/210 x 297 mm	CG964A
HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm	CG965A
HP Professional Laser Glossy FSC Paper 200 gsm-150 sht/A4/210 x 297 mm	7MV83A
HP Professional Laser Glossy FSC Paper 200 gsm-150 sht/Letter/8.5 x 11 in	4WN10A
HP Professional Laser Matte FSC Paper 200 gsm-150 sht/A4/210 x 297 mm	7MV80A
HP Professional Laser Matte FSC Paper 200 gsm-150 sht/Letter/8.5 x 11 in	4WN05A

Disclaimer — Copyright

© Copyright 2020 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.