HP LaserJet Enterprise M611dn (7PS84A)

Active as of 1/05/2020

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]

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.
http://www.hp.com/go/learnaboutsupplies

The world's most secure printing [1]

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]

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.

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. Choose high-yield toner cartridges. [5]

Replaces

Status	Product Name	SKU
Pending discontinuance	HP LaserJet Enterprise M608dn	K0Q18A

Specifications

Functions
  Print

Print speed black (ISO, A4)

Up to 61 ppm [9]

(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 duplex (A4)
Up to 50 ipm

First page out black (A4, ready)
As fast as 5.1 sec

Duty cycle (monthly, A4)
Up to 275,000 pages

Recommended monthly page volume
5000 to 25000 [12]

(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.)

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

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 accessable 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™ Certified; ROAM optional for easy printing [7]

(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)

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 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

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 HCI: 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
Tray 1: 60 to 200 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

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
821 watts (printing), 14.98 watts (ready), 4.28 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off) [4]

(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.)

Typical electricity consumption (TEC) number
Blue Angel: 2.525 kWh/Week; Energy Star: 0.733 kWh/Week

Energy efficiency
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
(201) 194721346322; (AB0) 194721346346; (AB2) 194721346353; (ABJ) 194721346360; (ABT) 194721346377; (ABY) 194721346384; (AC4) 194721346391; (AC8) 194721346407; (ACJ) 194721346414; (ACQ) 194721346421; (AKV) 194721346438; (B13) 194721346445; (B19) 194721346452; (BAZ) 194721346469; (BBU) 194721346476; (BGJ) 194721346483; (BGM) 194721346490

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

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; HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages) W1470X; HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages) W1470Y

(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.)

Software included
No software solutions are included in the box
only on http://hp.com
http://123.hp.com;

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: http://www.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.
5   HP 147X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

Specifications

4 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.

7 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

9 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.

12 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

HP LaserJet 550-Sheet Paper Feeder L0H17A, HP LaserJet 2100 Sheet Paper Feeder L0H18A, HP LaserJet Printer Stand L0H19A, HP LaserJet Stapler/Stacker/ Mailbox L0H20A, HP LaserJet Envelope Feeder L0H21A, HP LaserJet Extension Tray Cover L0H22A, HP Accessibility Assistant 2MU47A, HP 1GB 90-Pin DDR3 TAA Version DIMM 2NR03A, HP Removable Hard Drive Enclosure 2NR12A, HP JetDirect 3100w BLE/NFC/Wireless Accessory 3JN69A, HP TAA Version Secure Hard Disk Drive 5EL03A, HP Internal USB Ports B5L28A, HP Secure High Performance Hard Disk Drive B5L29A, HP SmartCard NIPRNet Solution for US Government CC543B, HP Int USB Ports Bulk M604/605/606 Accessory F2A86A, HP 1GB 90-Pin DDR3 DIMM G6W84A, HP Jetdirect LAN Accessory 8FP31A, HP USB Universal Card Reader X3D03A, HP HIP2 Keystroke Reader Y7C05A, HP Legic Reader 4QL32A, HP 300 ADF Roller Replacement Kit J8J95A

Acoustic power emissions (active, printing)

6.9 B(A)

Acoustic power emissions (ready)

Inaudible

Acoustic power footnote number

[8]

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 62ppm.

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

Blue Angel compliant

Yes, Blue Angel RAL-UZ 205

Bottom margin (A4)

4.3 mm

Cable included

No, please purchase (USB) cable separately

Capacity

Optional 500 GB Hard Disk

Code name

Titanium

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

Copyright notice
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Count of cartons per pallet layer
4

Count of layers in pallet
4 AMS/EMEA, 3 APJ

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

Datasheet publication number
4AA7-6733EEP

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

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, 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";

Duplex printing
Automatic (standard)

Duty cycle (monthly, A4)
Up to 275,000 pages

Duty cycle (monthly, letter)
Up to 275,000 pages

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

Energy efficiency compliance footnote
EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

Energy savings feature technology
HP Auto-On/Auto-Off Technology; Instant-on Technology

Energy star certified
Yes

Envelope Feeder
Yes, 75 (optional)

Environmental
Mercury-free

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.

First page out footnote number
[11]

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

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 HCI: 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
Automatic Duplexer: 16 to 32 lb

Media weight, supported
Tray 1: 60 to 200 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; ROAM optional for easy printing

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

Mobile printing capability footnote number
[7]

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 L0H24A, HP LaserJet 220v Maintenance Kit L0H25A

Output capacity
Up to 500 sheets

Package dimensions (W x D x H)
23.5 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
[6]

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

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

Power consumption
821 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
[4]

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), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)

Print speed
Print speed up to 65 ppm (black)

Print speed (A4/letter) footnote number
[9]

Print speed black (ISO, A4)
Up to 61 ppm

Print speed black (ISO, letter)
Up to 65 ppm

Print speed black (Landscape, A5)
Up to 100 ppm

Print speed black (Portrait, A5)
Up to 6 ppm

Print speed duplex (A4)
Up to 50 ipm

Print speed duplex (letter)
Up to 53 ipm

Print speed footnote
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)
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)
[10]

Print technology
Laser

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

Quantity per pallet
16 AMS/EMEA 12 APJ

Recommended media weight (duplex)
16 to 32 lb

Recommended media weight (duplex)
60 to 200 g/m²

Recommended monthly page volume
5000 to 25000

Recommended monthly page volume footnote number
[12]

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 80.6ºF

Replacement cartridges
HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A; HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages) W1470X; HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages) W1470Y

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/learnaboutsupplies.

Replacement cartridges footnote number
[6]

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 accessable 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 (Care Pack)

U9NE0E - HP 3y NBD LJ Ent M608 M611 SVC; U9NE1E - HP 4y NBD LJ Ent M608 M611 SVC; U9NE2E - HP 5y NBD LJ Ent M608 M611 SVC; U9NE3E - HP 3y 4h 9x5 LJ Ent M608 M611 SVC; U9NE4E - HP 4y 4h 9x5 LJ Ent M608 M611 SVC; U9NE5E - HP 5y 4h 9x5 LJ Ent M608 M611 SVC; U9NE6E - HP 3y 4h 13x5 LJ Ent M608 M611 SVC; U9NE7E - HP 4y 4h 13x5 LJ Ent M608 M611 SVC; U9NE8E - HP 5y 4h 13x5 LJ Ent M608 M611 SVC; U9NF2E - HP 3y Nbd Exch LJ Ent M608 M611 SVC; U9NF3E - HP 4y Nbd Exch LJ Ent M608 M611 SVC; U9NF4E - HP 5y Nbd Exch LJ Ent M608 M611 SVC; U9NF5E - HP 3y RtD LJ Ent M608 M611 SVC; U9NF6E - HP 4y RtD LJ Ent M608 M611 SVC; U9NF7E - HP 5y RtD LJ Ent M608 M611 SVC; U9NF8E - HP 3y ChnlPartsOnly LJ Ent M608 M611 SVC; U9NF9E - HP 4y ChnlPartsOnly LJ Ent M608 M611 SVC; U9NG0E - HP 5y ChnlPartsOnly LJ Ent M608 M611 SVC; U9NG4PE - HP 1y PW NBD LJ Ent M608 M611 SVC; U9NG5PE - HP 2y PW NBD LJ Ent M608 M611 SVC; U9NG6PE - HP 1y PW 4h 9x5 LJ Ent M608 M611 SVC; U9NG7PE - HP 2y PW 4h 9x5 LJ Ent M608 M611 SVC; U9NG8PE - HP 1y PW 4h 13x5 LJ Ent M608 M611 SVC; U9NH1PE - HP 1y PW Nbd Exch LJ Ent M608 M611 SVC; U9NH2PE - HP 1y PW RtD LJ Ent M608 M611 SVC; U9NH3PE - HP 1y PW PartsOnly LJ Ent M608 M611 SVC; U9NH4PE - HP 2y PW PartsOnly LJ Ent M608 M611 SVC; U9PS8E - HP MKRS LJ M60x M611 Fuser 110 SVC; U9PS9E - HP MKRS LJ M60x M611 Fuser 220 SVC; U9JT2E - HP Inst SVC w/nw Workgroup Printer

Services description headline 01
U9NE0E

Services description headline 02
U9NE1E

Services description headline 03
U9NE2E

Services description headline 04
U9NE3E

Services description headline 05
U9NE4E

Services description headline 06
U9NE5E

Services description headline 07
U9NF5E

Services description headline 08
U9NF6E

Services description headline 09
U9NF7E

Services description headline 10
U9NF8E

Services description headline 11
U9NF9E

Services description headline 12
U9NG0E

Services description headline 13
U9NG4PE

Services description headline 14
U9NG5PE

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; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); RA4; Oficio (216 x 340 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 device and direct print support
USB printing

Storage temperature range
–20 to 40ºC

Storage temperature range
–4 to 104ºF

Supplies feature
HP JetIntelligence Cartridge

Target user and print volume
For teams over 25 users; Prints up to 25,000 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] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Tech spec footnote
[11] 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.

Tech spec footnote
[12] 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
[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] 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
[3] With print cartridges

Tech spec footnote
[4] 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
[5] 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
[6] 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
[7] 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

Tech spec footnote
[8] Acoustic values are subject to change. For current information see http://www.hp.com/support. Noise measured during printing mono simplex A4 at 62 ppm.

Tech spec footnote
[9] 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.

Technology logo, print 1
Logo_Win10_12_wyh

Top key features
Front-facing USB printing; Roam; Two-sided printing; Energy Efficient; Strong Security

Top margin (A4)
4.3 mm

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) footnote number

[5]

Typical electricity consumption (TEC) number

Blue Angel: 2.525 kWh/Week; Energy Star: 0.733 kWh/Week

UNSPSC code

43212105

UPC number

(201) 194721346322; (AB0) 194721346346; (AB2) 194721346353; (ABJ) 194721346360; (ABT) 194721346377; (ABY) 194721346384; (AC4) 194721346391; (AC8) 194721346407; (ACJ) 194721346414; (ACQ) 194721346421; (AKV) 194721346438; (B13) 194721346445; (B19) 194721346452; (BAZ) 194721346469; (BBU) 194721346476; (BGJ) 194721346483; (BGM) 194721346490

Warm-up time

130 sec

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.

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

47.5 lbs

Weight (imperial) footnote number

[3]

Weight (metric) footnote number

[3]

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 is in the box footnote number

[2]

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