



# HP Sales Central

## HP LaserJet Enterprise MFP M635h (7PS97A)

Active as of 5/1/2020

### Detailed Specifications

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#### Accessories

J8J89A HP LaserJet 550-sheet Feeder Tray; J8J90A HP LaserJet Envelope Feeder; J8J91A HP LaserJet 1x550 Paper Feeder and Cabinet; J8J92A HP LaserJet 1x550-sheet and 2000-sheet HCI Feeder and Stand; J8J93A HP LaserJet 3x550-sheet Paper Feeder with Cabinet; 2EH31A HP MFP Analog Fax Accessory 700; 2MU47A HP Accessibility Assistant; 2NR09A HP 2GB 144-Pin DDR3 TAA Version DIMM; 2NR12A HP Removable Hard Drive Enclosure; 2TD64A HP Accessibility Kit; 3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory; 5UT59A HP MFP Analog Fax Accessory 701; A7W13A HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland; B5L28A HP Internal USB Ports; B5L31A HP Foreign Interface Harness; CC543B HP SmartCard NIPRNet Solution for US Government; E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM; J8030A HP Jetdirect 3000w NFC/Wireless Accessory; J8031A HP ADF Roller Replacement Kit; A7W14A HP LaserJet Swedish Overlay Keyboard; X3D03A HP Universal USB Proximity Card Reader; Y7C05A HP HIP2 Keystroke Reader; 4QL32A HP Legic Secure USB Reader

#### Acoustic power emissions (active scan)

7.2 B(A)

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

7.0 B(A)

#### Acoustic power emissions (ready)

Inaudible

#### Acoustic power footnote number

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#### Acoustic power note

Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono duplex A4 at 62 ppm and ADF scan mono simplex A4 at 95 ipm.

#### Acoustic pressure emissions bystander (active scan)

58 dB(A)

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

54 dB(A)

#### Acoustic pressure emissions bystander (ready)

Inaudible

#### Automatic document feeder capacity

Standard, 150 sheets

#### Automatic paper sensor

No

#### Bit depth

24-bit; Internal: 48-bit

#### Blue Angel compliant

Yes, Blue Angel RAL-UZ 205

#### Bottom margin (A4)

4.3 mm

#### Cable included

No, please purchase USB cable separately

#### Capacity

500 GB

#### Certifications and compliances

UL/cUL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI (Taiwan); Certificate of China Compulsory Product Certification - CCC (China); Bureau of Indian Standards - BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries.

**Code name**

lon 65

**Color scanning**

Yes

**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](http://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](http://www.hp.com/go/upd);

**Connectivity, optional**

HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A; HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A

**Connectivity, standard**

1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket

**Control panel**

8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)

**Copier scaling (ADF)**

25 to 200%

**Copier settings**

Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes)

**Copier smart software features**

Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build

**Copies, maximum**

Up to 9999 copies

**Copy reduce / enlarge settings**

25 to 400%

**Copy resolution (black text)**

Up to 600 x 600 dpi

**Copy resolution (color text and graphics)**

Up to 600 x 600 dpi

**Copy speed (black, normal quality, A4)**

Up to 61 cpm

**Copy speed black (normal, letter)**

Up to 65 cpm

**Copy speed black duplex (A4)**

Up to 50 cpm

**Copy speed black duplex (Letter)**

Up to 53 cpm

**Count of cartons per pallet layer**

2

**Count of layers in pallet**

3

**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 photo 1**

Publication photos/7PS97A AMS.jpg

**Datasheet photo 4**

Publication photos/M635 series.jpg

**Datasheet publication number**

4AA7-7178

**Digital sending optional features**

Optional via HP Digital Sending Software (HP DSS); Send-to-folder; Send-to-workflow; Send-to-printer; Authentication; Digital fax (send to LAN, Internet); OCR; Local Address Book; via HP Embedded Capture; Metadata capture and validation; Data transfer; Scan workflow management

**Digital sending standard features**

Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to SharePoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF

**Display**

8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)

**Display area (imperial)**

6.37 x 4.78 in

**Display area (metric)**

16.2 x 12.1 cm

**Distinctive ring detection supported**

No

**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 ADF scanning**

Yes, single pass duplexing ADF

**Duplex printing**

Automatic (standard)

**Duty cycle (monthly, A4)**

Up to 300,000 pages

**Duty cycle (monthly, letter)**

Up to 300,000 pages

**Duty cycle footnote number**

[9]

**Duty cycle 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.

**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; CECP; EPEAT® Silver

**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; Instant-on Copy

**Energy star certified**

Yes

**Enhanced scanning resolution**

Up to 600 dpi

**Envelope Feeder**

Yes, 75 (optional)

**Environmental**

Mercury free

**Fax Broadcast Locations**

0

**Fax delayed sending**

No

**Fax phone TAM interface supported**

No

**Fax Remote Retrieval**

No

**Fax telephone mode supported**

No

**Faxing**

No

**FCC Class A emissions**

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

**File Format Supported**

PDF; JPEG; TIFF; MTIFF; XPS; PDF/A

**Finished output handling**

Sheetfed

**First copy out black (A4)**

As fast as 4.9 sec

**First copy out black (A4, sleep)**

As fast as 11.2 sec

**First copy out black (letter)**

As fast as 4.8 sec

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

As fast as 11.0 sec

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

As fast as 5.2 sec

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

As fast as 8.1 sec in mm

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

As fast as 5.1 sec

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

As fast as 8.0 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**

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**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, copy, scan, optional fax

**Image legal disclaimer**

Product image may differ from actual product

**Input capacity**

Up to 650 sheets

**Internal Storage**

Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)

**Left margin (A4)**

4.3 mm

**Levels of grayscale**

256

**Mac compatible**

Yes

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

1030 x 808 x 865 mm (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open)

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

40.5 x 31.7 x 34.1 in (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open)

**Maximum Input Capacity (envelopes)**

Up to 75 envelopes

**Maximum input capacity (sheets)**

Up to 3750 sheets

**Maximum Memory**

Expandable to 4.0 GB

**Maximum output capacity (sheets)**

Up to 500 sheets

**Maximum print area**

212 x 352 mm

**Media size (ADF)**

Letter; legal; officio; executive; statement; 16K; A4; RA4; A5; A6; B5; B6 (JIS); Postcard (JIS); DPostcard (JIS); 4 x 6 in; 5 x 7 in; 5 x 8 in; 68 x 147 mm to 215.9 x 863.6 mm; 2.68 x 5.79 in to 8.46 x 34 in

**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, B5 (JIS), B6 (JIS), 10 x 15 cm, 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); 2000-sheet HCI Tray 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, B5 (JIS), B6 (JIS), 10 x 15 cm, 16K (195 x 270), 16K (184 x 260), 16K (197 x 273); 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, Executive, Statement, 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 11.7 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 297 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, ADF**

Sheets: 150

**Media type and capacity, tray 1**

Sheets: 100; transparencies, cardstock (163 g/m<sup>2</sup>): 50; Cardstock (200 g/m<sup>2</sup>): 30; Envelopes: 10

**Media type and capacity, tray 2**

Sheets: 550; Labels, transparencies: small quantities

**Media type and capacity, tray 3**

Sheets: 550; Labels, transparencies: small quantities

**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<sup>2</sup>

**Media weight (tray 2)**

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

**Media weight (tray 3)**

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

**Media weight, supported**

Automatic Duplexer: 16 to 32 lb

**Media weight, supported**

Automatic Duplexer: 60 to 120 g/m<sup>2</sup>

**Media weights, supported ADF**

12 to 53 lb

**Media weights, supported ADF**

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

**Memory**

1.5 GB (printer); 512 MB (scanner)

**Memory Slots**

1 slot; 144pin DDR3 DIMM (E5K48A)

**Memory upgrade**

Expandable to 4 GB through one 144-pin DDR3 DIMM slot

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

20.15 x 22 x 25.2 in

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

512 x 558 x 640 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](http://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](http://apple.com);

**Mobile printing capability**

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

**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**

[4]

**Native scan file format**

JPG; MTIFF; TIFF; PDF

**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**

J8J96A HP Staple Cartridge Refill; J8J87A HP LaserJet 110V Maintenance Kit; J8J88A HP LaserJet 220V Maintenance Kit; J8J95A HP 300 ADF Roller Replacement Kit

**Output capacity**

Up to 500 sheets

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

27.6 x 25.2 x 30.9 in

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

700 x 639 x 785 mm

**Package weight**

38.8 kg

**Package weight**

85.6 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/learnaboutesupplies>.

**Page yield footnote number**

[2]

**Pallet dimensions**

52.2 x 29.8 x 97.7 in

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

1325 x 756 x 2482 mm

**Pallet weight**

247.6 kg

**Pallet weight**

545.8 lb

**Paper handling input, optional**

Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 2000-sheet feeder high capacity input with 1 x 550-sheet paper feeder, optional 3 x 550-sheet feeder, optional envelope feeder

**Paper handling input, standard**

100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder

**Paper handling output, standard**

500-sheet output feeder, two-sided printing

**Paper trays, maximum**

Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 2000-sheet feeder high capacity input with 1 x 550-sheet paper feeder, optional 3 x 550-sheet feeder, optional envelope feeder

**Paper trays, standard**

100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder

**Power**

Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A; Input voltage: 220V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A

**Power consumption**

740 watts (printing/copying), 29.0 watts (ready), 3.3 watts (sleep), <0.1 watts (Auto Off/Manual On), <0.1 watts (Manual Off)

**Power consumption footnote number**

[1]

**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

**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 (A3/tabloid) footnote number**

[7]

**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 (A3/Tabloid)**

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)**

[6]

**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[7]

**Quantity per pallet**

6

**Recommended media weight (duplex)**

16 to 32 lb

**Recommended media weight (duplex)**

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

**Recommended monthly page volume**

5000 to 30,000

**Recommended monthly page volume footnote number**

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**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 monthly scan volume**

14,250 to 23,750

**Recommended monthly scan volume footnote number**

[12]

**Recommended monthly scan volume note**

HP recommends that the number of scanned pages per month be within the stated range for optimum device performance

**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**

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

**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**

[2]

**Resolution**

Up to 600 dpi

**Right margin (A4)**

4.3 mm

**RMN number**

BOISB-1502-02

**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; IEC 62471:2006 / EN 62471:2008; 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.

**Scan file format**

Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A

**Scan file format footnote**

Scan software not included in box. HP Scan and TWAIN driver available for download at <http://hp.com/support>

**Scan file format footnote number**

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**Scan input modes**

Front panel applications: Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications; HP Scan or user application via TWAIN

**Scan resolution, hardware**

Up to 600 x 600 dpi

**Scan resolution, optical**

Up to 600 dpi

**Scan size (ADF), maximum**

216 x 864 mm

**Scan size (ADF), maximum**

8.5 x 34.0 in

**Scan size (ADF), minimum**

2.7 x 5.8 in

**Scan size (ADF), minimum**

68 x 147 mm

**Scan size, maximum**

216 x 356 mm

**Scan size, maximum**

8.5 x 14 in

**Scan speed (normal, A4)**

Up to 69 ppm (b&w), up to 69 ppm (color)

**Scan speed (normal, letter)**

Up to 75 ppm (b&w), up to 75 ppm (color)

**Scan speed duplex (normal, A4)**

Up to 111 ipm (b&w), up to 111 ipm (color)

**Scan speed duplex (normal, letter)**

Up to 120 ipm (b&w), up to 120 ipm (color)

**Scan speed footnote**

Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

**Scan speed footnote number**

[11]

**Scan technology**

Charge Coupled Device (CCD)

**Scanner advanced features**

Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets

**Scanner type**

Flatbed, ADF

**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 (Care Pack)**

U9NK2E - HP 5 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x; U9NK5E - HP 5 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x; U9NK8E - HP 5 year 4 hour 13x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x; U9NL4E - HP 5 year Next Business Day Parts Exchange Service for LaserJet Enterprise MFP M63x; U9NL9PE - HP 2 year Post Warranty NBD HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x; U9NM1PE - HP 2 year Post Warranty 4 hour 9x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x; U9NM3PE - HP 2 year Post Warranty 4 hour 13x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x; U9NM7PE - HP 2 year Post Warranty NBD Parts Exchange Service for LaserJet Enterprise MFP M63x (Channel Only); U9QZ4E - HP Automatic Document Feeder Maintenance Kit Replacement Service for LaserJet M63x MFP; U9PS6E - HP Maintenance Kit Replacement Service for LaserJet MFP M63x Fuser 110; U9PS7E - HP Maintenance Kit Replacement Service for LaserJet MFP M63x Fuser 220; U9JT2E - HP Inst SVC w/nw Workgroup Printer

#### **Software included**

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

#### **Standard media sizes (duplex)**

A4; A5; RA4; Oficio; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm)

#### **Standard media sizes (duplex, imperial)**

Letter; Legal; Executive; 8.5 x 13 in

#### **Standard output capacity (envelopes)**

Up to 75 envelopes

#### **Standard output capacity (transparencies)**

Up to 200 sheets

#### **Storage**

500 GB hard disk drive

#### **Storage device and direct print support**

USB printing

#### **Storage temperature range**

-20 to 40°C

#### **Storage temperature range**

-4 to 104°F

#### **Supplies feature**

HP JetIntelligence Cartridge

#### **Target user and print volume**

For teams over 25 users; Prints up to 30,000 pages/month

#### **Tariff numbers**

8443310000 (Nat HTS);8443310000 (EU Base HTS);8443310000(AM Base HTS);84433121 (AP Base HTS)

#### **Tech spec footnote**

[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.

#### **Tech spec footnote**

[10] 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**

[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

#### **Tech spec footnote**

[12] HP recommends that the number of scanned pages per month be within the stated range for optimum device performance

#### **Tech spec footnote**

[13] Scan software not included in box. HP Scan and TWAIN driver available for download at <http://hp.com/support>

**Tech spec footnote**

[14] With print cartridges

**Tech spec footnote**

[15] 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/learnaboutequipment>.

**Tech spec footnote**

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

**Tech spec footnote**

[4] 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**

[5] Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono duplex A4 at 62 ppm and ADF scan mono simplex A4 at 95 ipm.

**Tech spec footnote**

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

**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] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity.

**Tech spec footnote**

[9] 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.

**Technology logo, print 1**

Publication logos/AMS\_EnergyStar.jpg

**Technology logo, print 2**

Publication logos/AMS\_windows\_10.jpg

**Technology logo, print 3**

Publication logos/AMS\_mac\_hires.jpg

**Technology logo, print 4**

Publication logos/AMS\_Mopria.jpg

**Technology logo, print 5**

Publication logos/AMS\_AirPrint.jpg

**Technology logo, print 6**

Publication logos/AMS\_Epeat silver.jpg

**Telephone handset supported**

No

**Top key features**

Scan to email; Two-sided printing; 150-sheet ADF; Energy Efficient

**Top margin (A4)**

4.3 mm

**Twain version**

Version 2.1

**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**

[10]

**Typical electricity consumption (TEC) number**

ES: 0.935 kWh/week; BA: 2.626 kWh/week

**UNSPSC code**

43212110

**UPC number**

(201) 194850085000; (BGJ) 194721080035

**Warm-up time**

170 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**

33.2 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](http://www.hp.com/go/securitymanager); HP JetAdvantage On Demand Cloud Solutions: [www.hp.com/go/JetAdvantageondemand](http://www.hp.com/go/JetAdvantageondemand)

**Weight**

33.2 kg

**Weight**

73.2 lb

**Weight (imperial) footnote number**

[14]

**Weight (metric) footnote number**

[14]

**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

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