



HP LaserJet Enterprise Flow MFP M634h (7PS95A)



Overview

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

This HP LaserJet MFP 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.

Give workgroups the speed they need

Help workgroups capture every page easily and detect potential errors or missed pages—every time.

Features

HP Sure Start

Run-time Intrusion detection

Whitelisting

HP Web Jetadmin

Expand the capabilities of your printer

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: <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	Print speed up to 55 ppm (black)
Functions	Print, copy, scan, optional fax
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 300,000 pages
Duty cycle (monthly, letter)	Up to 300,000 pages ^[9]
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
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
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; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
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
Supplies feature	HP JetIntelligence Cartridge
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
Connectivity, optional	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A; HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
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™
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 ;
Sustainable impact specifications	Mercury free
Energy star certified	Yes
Ecolabels	ENERGY STAR® qualified; CECP; EPEAT® Silver
Copy speed (black, normal quality, A4)	Up to 52 cpm
Copy speed black (normal, letter)	Up to 55 cpm
Copy speed black duplex (A4)	Up to 43 cpm
Copy speed black duplex (Letter)	Up to 45 cpm
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; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR
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
Faxing	Optional
Scan speed (normal, A4)	Up to 83 ppm (b&w), up to 83 ppm (color)
Scan speed (normal, letter)	Up to 90 ppm (b&w), up to 90 ppm (color)

Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR) ^[14]
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 (OXF) applications; HP Scan or user application via TWAIN
Scan technology	Charge Coupled Device (CCD)
Scanner type	Flatbed, ADF
Display area (imperial)	6.37 x 4.78 in
Display area (metric)	16.2 x 12.1 cm
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)
Minimum dimensions (W x D x H)	512 x 558 x 640 mm
Minimum dimensions (W x D x H)	20.15 x 22 x 25.2 in
Weight	33.2 kg ^[15] (With print cartridges)
Weight	73.2 lb (With print cartridges)
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) ^[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.)
Power supply type	Built in 115V or 220V Power Supply
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. ^[2]
Manufacturer Warranty	One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Additional specifications

Accessories	HP LaserJet 550-sheet Paper Tray J8J89A, HP LaserJet Envelope Feeder J8J90A, HP LaserJet 1x550 Stand J8J91A, HP LaserJet HCI Stand J8J92A, HP LaserJet 3x550 Stand J8J93A, HP MFP Analog 700 Fax Accessory 2EH31A, HP Accessibility Assistant 2MU47A, HP 2GB 144-Pin DDR3 TAA Version DIMM 2NR09A, HP Removable Hard Drive Enclosure 2NR12A, HP Accessibility Kit, includes HP prop handle for ADF lid, accessible keyboard, braille adhesives 2TD64A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, HP MFP Analog Fax 701 Fax Accessory 5UT59A, HP LaserJet Dnsh/French/Ger Ovrlys Keyboard A7W13A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP SmartCard NIPRNet Solution for US Government CC543B, HP 2GB DDR3x32 144-Pin 800MHz SODIMM Accessory E5K49A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect LAN Accessory 8FP31A, HP LaserJet Keyboard Overlay Kit Sweden A7W14A, HP USB Universal Card Reader X3D03A, HP HIP2 Keystroke Reader Y7C05A, HP Legic Reader 4QL32A
Acoustic power emissions (active scan)	7.2 B(A)
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 monochrome simplex A4 at 53ppm and ADF scan monochrome simplex A4 at 95 ipm
Acoustic pressure emissions bystander (active scan)	58 dB(A)
Acoustic pressure emissions bystander (active, printing)	55 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Automatic document feeder capacity	Standard, 150 sheets
Automatic paper sensor	No
Bit depth	24-bit
Bottom margin (A4)	4.3 mm
Cable included	No, please purchase USB and Fax cable separately
Capacity	500 GB
Cartons per layer	2
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.

Color or black	Black and white
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 ;
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); Extended Keyboard
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)
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
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)] to [Made in Japan (201, AAZ) Made in China (AB0, AB2, ABJ, ACJ, BBU, BGM, ABT, ABY, ACQ, B13, B19, BAZ, AC4, AC8, AKV, BGJ)]
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, 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

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.

Dynamic security

Dynamic security enabled printer

Ecolabels footnote

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

Electromagnetic compatibility

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

Enhanced scanning resolution

up to 600 dpi

Envelope Feeder

Yes, 75 (optional)

FCC Class A emissions

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

Fax Broadcast Locations

0

Fax Remote Retrieval

No

Fax delayed sending

No

Fax phone TAM interface supported

No

Fax telephone mode supported

No

File Format Supported

CSV (OCR); HTML (OCR); MTIFF; PDF/A; RTF (OCR); Searchable PDF (OCR); Searchable PDF/A (OCR); TEXT (OCR); TIFF; Unicode TEXT (OCR); XPS; JPEG

Finished output handling	Sheetfed
First copy out black (A4)	As fast as 4.9 sec
First copy out black (A4, sleep)	As fast as 13.9 sec
First copy out black (letter)	As fast as 4.8 sec
First copy out black (letter, sleep)	As fast as 13.8 sec
First page out black (A4, ready)	As fast as 5.2 sec
First page out black (A4, sleep)	As fast as 11. 7 sec
First page out black (letter, ready)	As fast as 5.1 sec
First page out black (letter, sleep)	As fast as 11. 6 sec
First page out footnote	[8] 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
Left margin (A4)	4.3 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 75 envelopes
Maximum Memory	4 GB Total
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 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 input capacity (sheets)	Up to 3750 sheets
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 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), monochrome 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
Media weights, supported ADF	45 to 199 g/m ²
Media weights, supported ADF	12 to 53 lb
Memory	1.5 GB (printer); 1 GB (scanner)
Memory Slots	1 slot; 144pin DDR3 DIMM (E5K48A)

Memory upgrade	Expandable to 4.5 GB through one 144-pin DDR3 DIMM slot
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;
Model number	M634h
Native scan file format	JPG; TIFF; MTIFF; PDF
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 LaserJet 110v Maintenance Kit J8J87A, HP LaserJet 220v Maintenance Kit J8J88A, HP 300 ADF Roller Replacement Kit J8J95A
Output capacity	Up to 500 sheets
Package dimensions (W x D x H)	700 x 639 x 785 mm
Package dimensions (W x D x H)	27.6 x 25.2 x 30.9 in
Package weight	85.6 lb
Package weight	38.8 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/learnaboutsupplies .
Pallet dimensions	52.2 x 29.8 x 66.8 in
Pallet dimensions (W x D x H)	1325 x 756 x 2482 mm
Pallet weight	545.8 lb
Pallet weight	247.6 kg
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	6
Paper trays, standard	2
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. Not dual voltage, power supply varies by part number with # Option code identifier.
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)	FastRes1200
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 50 ipm
Print speed duplex (letter)	Up to 53 ipm
Print speed footnote (A5)	[6] 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
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
Product long name specifications	HP LaserJet Enterprise Flow MFP M634h, Black and white Printer for Business, Print, copy, scan, optional fax, Front USB flash drive port; Two-sided printing
Product short name specifications	HP LaserJet Enterprise Flow M634h Multifunction Black and white Printer, Ethernet Only; Copier, Scanner
Quantity per pallet	6
RMN number	BOISB-1502-02
Recommended media weight (duplex)	16 to 32 lb
Recommended media weight (duplex)	60 to 120 g/m²
Recommended monthly page volume	5000 to 30,000 ^[10]
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	26,750 to 44,600
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 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 .
Resolution	Up to 600 dpi
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; 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 footnote	[14] Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support
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	68 x 147 mm
Scan size (ADF), minimum	2.7 x 5.8 in
Scan size, maximum	8.5 x 14 in
Scan size, maximum	216 x 356 mm
Scan speed duplex (normal, A4)	Up to 167 ipm (b&w), up to 167 ipm (color)
Scan speed duplex (normal, letter)	Up to 180 ipm (b&w), up to 180 ipm (color)
Scan speed footnote	[12] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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 WPA-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
Standard media sizes (duplex)	A4; A5; RA4; B5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); Oficio
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	-4 to 104°F
Storage temperature range	-20 to 40°C
Target user and print volume	For teams over 25 users; Prints up to 30,000 pages/month
Tariff numbers	7PS95A#201,194850084980; 7PS95A#AAZ,194850084997; 7PS95A#ABT,194721079770; 7PS95A#ABY,194721079787; 7PS95A#ACQ,194721079794; 7PS95A#B13,194721079800; 7PS95A#B19,194721079817; 7PS95A#BAZ,194721079824; 7PS95A#BGJ,194721079831
Telephone handset supported	No
Top key features	Front-facing USB printing; Scan to email; Two-sided printing; 150-sheet ADF; Energy Efficient; Strong Security
Top margin (A4)	4.3 mm
Twain version	Version 2.1
Typical electricity consumption (TEC) footnote	[11] 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	ES: 0.783 kWh/week; BA: 2.219 kWh/week ^[11]
UNSPSC code	43212110

UPC number	(201) 194850084980; (AAZ) 194850084997; (ABT) 194721079770; (ABY) 194721079787; (ACQ) 194721079794; (B13) 194721079800; (B19) 194721079817; (BAZ) 194721079824; (BGJ) 194721079831
Warm-up time	190 Sec
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 ; HP JetAdvantage On Demand Cloud Solutions: www.hp.com/go/JetAdvantageondemand
What is in the box 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 .

[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.

[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>.

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

[10] 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.

[11] 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

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

[15] With print cartridges

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 300 ADF Roller Replacement Kit	J8J95A
HP LaserJet 110V Maintenance Kit	J8J87A
HP LaserJet 220V Maintenance Kit	J8J88A
HP LaserJet 220V Maintenance Kit	L0H25A

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper, Glossy, 150 g/m2, A4 (210 x 297 mm), 150 sheets	CG965A
HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN08A
HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Glossy 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN10A
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A
HP Professional Business Paper Matte 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN05A

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets	HPM1720P
HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets	HPM1120R
HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets	HPM1420P

HP Paper for Multiple Uses

HP Recycled Paper

HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN07A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN11A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV81A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV82A

HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

HP Professional Business Paper, Glossy, 48 lb, 8.5 x 11 in. (216 x 279 mm), 50 sheets	6MF93A
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Accessories

Memory

★ : Recommended

DDR3 Memory

HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM

E5K49A

HP 2GB 144-Pin DDR3 TAA Version DIMM

2NR09A

Accessory Bundles

Printer Accessibility Accessories

HP Accessibility Assistant

2MU47A

HP Accessibility Kit

2TD64A

HP Printing Voice Assistant

478C2A

Data Security Accessories

HP Removable Hard Drive Enclosure

2NR12A

Cables/Cable Kits/Cable Adapters

Printer Cables

HP Foreign Interface Harness

B5L31A

Port Cables and Cable Adapters

HP Internal USB Ports

B5L28A

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 USB Universal Card Reader

X3D03A

Network Print Servers

External Print Servers

HP Jetdirect 2900nw Print Server

J8031A

HP Jetdirect 3000w NFC/Wireless Accessory	J8030A
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HP Jetdirect 3100w BLE/NFC/Wireless Accessory	3JN69A
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Internal Print Servers

HP Jetdirect LAN Accessory	8FP31A
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Paper Handling

Input Trays

HP LaserJet 1x550 Paper Feeder and Cabinet	J8J91A
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HP LaserJet 1x550-sheet and 2000-sheet HCI Feeder and Stand	J8J92A
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HP LaserJet 3x550-sheet Paper Feeder with Cabinet	J8J93A
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HP LaserJet 550-sheet Feeder Tray	J8J89A
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Envelope Feeders

HP LaserJet Envelope Feeder	J8J90A
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Fax Upgrades

HP MFP Analog Fax Accessory 700	2EH31A
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HP MFP Analog Fax Accessory 701	5UT59A
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Staple Cartridges

HP Staple Cartridge Refill	J8J96A
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Keyboards/Mice and Input Devices

Keyboards

HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland	A7W13A
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HP LaserJet Swedish Overlay Keyboard	A7W14A
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HP Document and Workflow Solutions

★ : Recommended

HP Document and Workflow Solutions Printing Security

HP Access Control Secure Printing and Job Accounting Solution	HPACSOLUTION
HP Proximity Card Reader	HPPROXIMTYRDR
HP Secure Print and Insights	HPJETADSECUREPRINT
HP Security Manager	HPJETADSECMGR
Kofax SafeCom Security and Job Accounting Solution	HPNSAFECOMSOL
LRS MFPsecure	LRS_MFPSECURE
MyQ Solutions	MYQSQL
Pharos Blueprint	HP3PHAROSBPRNT

HP Document and Workflow Solutions Printer Workflow

HP Capture and Route	HPCAPTANDROUTE
HP Workpath Apps	HPJA_AP

HP Document and Workflow Solutions Mobile Printing

HP Roam for Business	HPROAM
ePRINTit	HP3PEPRINTIT

HP Document and Workflow Solutions Print Management

HP Universal Print Driver	HPUNIVPRNTDRV
HP Web Jetadmin	HPWEBJETADMIN
Kofax ControlSuite	HP_CSUITE
LRS VPSX for Output Management	HP3PLRS
YSoft SafeQ	YSOFT

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