HP LaserJet Enterprise MFP M636 series

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]

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

HP LaserJet Enterprise Flow MFP M636z

HP LaserJet Enterprise MFP M636fh

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]
- Give workgroups what they need to succeed. Easily choose and deploy hundreds of HP and third-party solutions.

High-speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This MFP wakes up and prints your first page fast—in as quickly as 8 seconds.[4]
- This MFP uses low amounts of energy thanks to its innovative design and toner technology.
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes 4 x 6" to legal.

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]

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 150 pages into the automatic document feeder for fast, unattended scanning.

[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 [3] 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. [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. [6] Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. [7] 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.

HP LaserJet Enterprise Flow MFP M636z

Product walkaround

1. Hardware Integration Pocket[1]
2. Easy-access USB port
3. 1,000-sheet 3-bin stapler/stacker with job offset
4. Left door access to toner cartridges
5. Automatic two-sided printing
6. 550-sheet input tray 2
7. 550 and 2,000-sheet HCI feeder and stand
8. 150-sheet ADF with single-pass, two-sided scanning and HP EveryPage[4]
9. 9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) color graphics display
10. Pull-out keyboard[4]
11. HP High-Performance Secure Hard Disk
12. Wi-Fi Direct printing[5]/ Bluetooth Low Energy[8]
13. Right door access to print path
14. 100-sheet multipurpose tray 1
15. Host USB port
16. Hi-speed USB 2.0 printing port
17. Slot for cable-type security lock
18. Gigabit Ethernet port
19. Fax port

Front view

Close-up of I/O ports

Series at a glance

	HP LaserJet Enterprise Flow MFP M636z	HP LaserJet Enterprise MFP M636fh
Part number	7PT01A	7PT00A
Print speeds (Letter)[2]	Up to 75 ppm	Up to 75 ppm
HP High Performance Secure Hard Disk	√	√
Fax capabilities	√	√
100-sheet tray 1, 550-sheet tray 2	√	√
550-sheet paper feeder[3]	Optional (up to one)	Optional (up to four)
1x550-sheet paper feeder with stand and cabinet[3]	Not available	Optional
3x550-sheet paper feeder and stand[3]	Not available	Optional
1x550 and 2,000-sheet HCI feeder and stand[3]	√	Optional
Envelope feeder	Optional (up to one)	Optional (up to two)
3-bin stapler/stacker with job offset	√	Not available
Advanced workflow features, including pull-out keyboard[4]	√	Not available
Direct mobile printing	Embedded Wi-Fi Direct[5]/Bluetooth Low Energy[8]	Optional wireless direct[5]/NFC[6]
Wireless networking	Optional[7]	Optional[7]

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Top features

Only HP Enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.[1]

With speeds up to 75 pages per minute,[3] fast first page out and a variety of paper-handling options, you get confidence that your employees can speed through their tasks without interruption.

Help protect your printer using Original HP Toner cartridges with JetIntelligence.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 180 ipm[6]—and avoid extra steps with a Flow MFP designed for maximum productivity.

For carepack availability visit: hp.com/go/cpc

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

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
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)

Solutions

Overview: HP's portfolio of innovative solutions empower people's evolving work styles and improve your business' agility to compete in a digital world. Fuel collaboration, optimize processes and costs, and help meet the needs of a growing mobile workforce that wants everything accessible, mobile, and secure.

Workflow: HP Capture & Route; Embedded send-to-email

Security: HP JetAdvantage Security Manager fleet security compliance and management; HP Access Control; HP JetAdvantage Secure Print; Card readers; Secure Encrypted Print (UPD)

Mobile and Universal Print:

Management: HP Web JetAdmin; HP JetAdvantage Security Manager; HP JetAdvantage Insights

For more information on solutions, go to http://www.hp.com/go/jetadvantage. For a list of 3rd party solutions, go to http://www.hp.com/go/gsc.

Services

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

HP LaserJet Enterprise MFP M636 series

Technical Specifications	HP LaserJet Enterprise Flow MFP M636z(7PT01A)	HP LaserJet Enterprise MFP M636fh(7PT00A)
AIO functions	Print, copy, scan, fax	
Print speed	A4: Up to 71 ppm black; Letter: Up to 75 ppm black; [8]; A5: Up to 115 ppm[7]; First Page Out Black: As fast as 5.2 sec; [9]	
Duplex Print speed	A4: Up to 58 ipm black; Letter: Up to 62 ipm black	
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): FastRes1200; Black (fine lines): Up to 1200 x 1200 dpi	
Print Technology	Laser; Print Resolution Technologies: Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)	
Print Cartridges Number	1 (black)	
Standard Print Languages	HP PCL 6, HP PCL 5, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	
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	
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)	
Scan Type / Technology	Type: Flatbed, ADF; Technology: Charge Coupled Device (CCD)	
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi	
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Search-able PDF (OCR), Search-able 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), Search-able PDF (OCR), Search-able PDF/A (OCR), HTML (OCR), CSV (OCR)	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
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 Size	ADF: 216 x 864 mm; 8.5 x 34.0 in Maximum; 68 x 147 mm; 2.7 x 5.8 in Minimum; Flatbed: 8.5 x 14 in	
Scan Speed	Up to 90 ppm (b&w), up to 90 ppm (color)[12]; Duplex: Up to 180 ipm (b&w), up to 180 ipm (color)	Up to 75 ppm (b&w), up to 75 ppm (color)[12]; Duplex: Up to 120 ipm (b&w), up to 120 ipm (color)
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 PDF; MTIFF; JPG; TIFFScan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support	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 PDF; MTIFF; JPG; TIFFScan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support
Bit depth / Grayscale levels	24-bit/ 256	
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	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
Copy Speed	Black (letter): Up to 75 cpm; Black Duplex (letter): Up to 62 cpm	
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi	
Maximum Number of Copies	Up to 9999 copies	
Copier Resize	25 to 400%	
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)	
Fax Speed	Up to: 33.6 kbps[6]	
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule	
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto–Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes, up to 30 numbers may be blocked; Maximum Speed Dialing Numbers: Up to 1000 numbers; PC Interface Supported: Yes, software not included; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	
Standard Connectivity	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; 1 Fax	
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); Built-in 802.11a/b/g/n wireless networking (standard);	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	Yes, built-in WiFi with Dual band Wireless Station, Wi-Fi Direct functionality and BLE.	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; Wi-Fi® Direct Printing; Google Cloud Print™; Roam capable for easy printing[4]	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; Roam optional[4]
Memory	Standard: 1.5 GB (formatter); 1 GB (scanner) Maximum: Expandable to 4.5 GB	Standard: 1.5 GB (formatter); 512 MB (scanner); Maximum: Expandable to 4.0 GB
Processor Speed	1.2 GHz / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	
Duty Cycle	Monthly, letter: Up to 300,000 pages[10]; Recommended Monthly Page Volume: 5000 to 30,000[10]	
Paper Handling	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder ; Up to 3200 sheets standard; Up to 75 envelopes labels legal; Output Capacities: 500-sheet ouput feeder, two-sided printing ; Up to 1000 sheets standard labels legal; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 150 sheets; Envelope Feeder: Yes, 75 (optional); Standard Paper Trays: 2; Media Types Supported: 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: Automatic Duplexer: 16 to 32 lb; 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 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	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder ; Up to 650 sheets standard; Up to 75 envelopes labels legal; Output Capacities: 500-sheet ouput feeder, two-sided printing ; Up to 500 sheets standard labels legal; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 150 sheets; Envelope Feeder: Yes, 75 (optional); Standard Paper Trays: 2; Media Types Supported: 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: Automatic Duplexer: 16 to 32 lb; 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 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

HP LaserJet Enterprise MFP M636 series

Technical Specifications	HP LaserJet Enterprise Flow MFP M636z(7PT01A)	HP LaserJet Enterprise MFP M636fh(7PT00A)
Product Dimensions	**W x D x H:** 26 x 25.9 x 48.5 in; 661 x 658 x 1234 mm **Maximum:** 40.5 x 35 x 59.1 in (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open); 1030 x 890 x 1500 mm (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open)	**W x D x H:** 20.15 x 22 x 25.2 in; 512 x 558 x 640 mm **Maximum:** 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); 1030 x 808 x 865 mm (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open)
Product Weight	141.8 lb[15]; 64.3 kg[15]	73.2 lb[15]; 33.2 kg[15]
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]	
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)[2]	
Warranty Features	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.	
Energy Star Certified	Yes	
Energy Efficiency Compliance	ENERGY STAR® qualified; CECP; EPEAT® Silver	
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)	
Display Description	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)	
Software Included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com	
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	
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	
Minimum System Requirements	**PC:** 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com; **MAC:** 2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com	
Power	**Power Supply Type:** Built in 115V or 220 V Power Supply; **Power Requirements:** Input voltage: 100 V to 127 V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A; Input voltage: 220 V to 240 V 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)[1]; **Typical electricity consumption (TEC) number:** ES: 1.079 kWh/week; BA: 3.183 kWh/week[11]	
Acoustics	**Acoustic Power Emissions:** 68.9 dB;[5]	
Operating Environment	**Operating Temperature Range:** 10 to 32.5°C; **Recommended Operating Temperature:** 15 to 27°C; **Storage Temperature Range:** -20 to 40°C; **Operating Humidity Range:** 10 to 80% RH; **Recommended Humidity Operating Range:** 30 to 70% RH	
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	

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