HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer

Powerfully productive. Extraordinarily efficient.

Transform your workflows with advanced capabilities in a compact footprint. Customizable configurations from print speeds to color panels[10] help to meet the needs of busy workgroups. All while protecting your business against evolving security threats. Please note: floor-standing finisher (632P1A) must be ordered together with the printer.

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

Storage   Print apps   HP Web Jetadmin

Privacy

Customizable and scalable solutions [8]

- Get the functionality you need with flexible printer configurations and easy-to- scale solutions. Optimize your device to meet your business needs and your budget.
- Select the document feeding solution that works best for your team.
- Choose storage options including HDD and SSD drives to handle data and document stored on the device.

Fast and seamless digitization

- Customize your print experience with cloud-connected HP Workpath apps. Access personalized content and integrate paper and digital workflows.[1]
- Give your team the tools to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions, and card reader support.
- Make color management simple with HP Custom Color Manager. Match color output of any document-device combination by simply pulling color profiles from the cloud. Get high-quality color profiles without the hassle of expensive color matching systems .[9]
- Targeted fusing technology[2] requires less energy and helps to reduce cooling requirements allowing for larger, faster color print jobs.
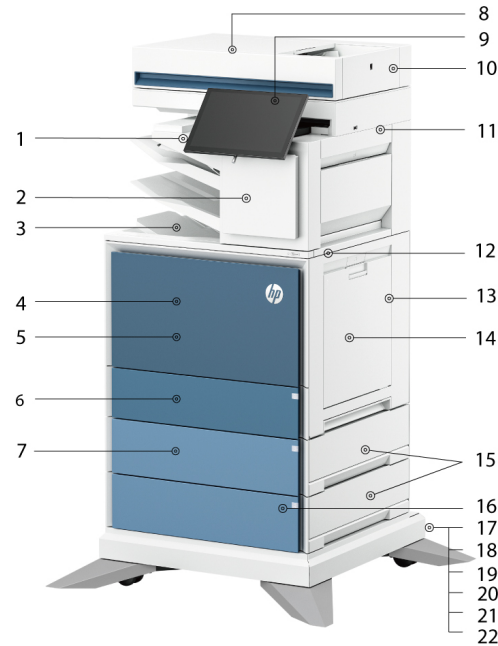
Everything you expect from an office printer

- Experience ultra-fast scanning speeds and ultimate productivity with HP Flow technology and up to 200 ipm[3] duplex scan technology
- HP's innovative in-line scan bar in an A4 printer helps to diagnose print quality issues with accurate remediation steps.
- Avoid interruptions and lost productivity with reverse-and-retry technology[4] that automatically detects and resolves multi-sheet feed issues.
- Easily scan and capture text from documents with high accuracy OCR software.
- Save time by scanning once and sending to multiple destinations with customized shortcuts to eliminate steps and avoid misdirection.

Always on guard with HP Wolf Security

- With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.
- HP Connection Inspector examines network connections. The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay connected and in the clear.
- Memory ShieldTM and expanded run-time intrusion detection protects memory and other applications. Common Criteria certified[6] to continually monitor memory activity, detect and stop zero-day attacks in real time [known/unknown] and self-heal.
- Minimize exposure with whitelisting checks, firmware that is automatically checked during start-up to determine if it's authentic code – digitally signed by HP.

Product walkaround

1. Hardware Integration Pocket(for connecting accessories and third-party devices)[1]
2. Staple cartridge access door
3. Automatic 2-sided printing
4. HP High-Performance Secure Hard Disk
5. Front door access to All-in-One toner cartridges
6. 550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)
7. 550-sheet tray 3 supports media sizes up to Legal (8.5x14 inch)
8. 150-sheet dual side Flow enabled ADF supportsmedia sizes up to Legal (8.5x14 inch)
9. 10.1 inch color touchscreen display (25.6 cm)
10. Long originals media sensor
11. Easy-access USB port[2]
12. Power button
13. Right door access to the print path
14. 100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)
15. Tray 3 & 4 jams access doors
16. 550-sheet tray 4 supports media sizes up to Legal (8.5x14 inch)
17. Slot for cable-type security lock
18. SuperSpeed USB 3.0 Host Port
19. Hi-Speed USB 2.0 Host Port
20. Gigabit Ethernet Port
21. SuperSpeed 3.0 device port
22. (Optional OCR Accelerator Card)

[1] An administrator must enable the easy-access USB port before use. [2] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

Series at a glance

Model	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer
Product number	6QN37A
Functions	Print, copy, scan, and fax
Print speed	Up to 52 ppm (A4/letter)
Control panel	10.1 inch color touchscreen display
Scan speed	95 ppm(A4 b&w/color)/190 ipm(A4 b&w/color) (simplex/duplex)
RMPV	Up to 14,000 pages per month
Input capacity	1,750/1,750 (std/max)
Output capacity (standard)	1,000-sheets
Processor	Quad-core 1.6 GHz
Flow solutions	Yes
Workpath enabled	Yes
Extensibility	HP FutureSmart 5, OXPd

Accessories, Supplies and Support

Supplies	**W2130A** HP 213A Blk Original LaserJet Toner Crtg(~3,500 pages) **W2131A** HP 213A Cyn Original LaserJet Toner Crtg(~3,000 pages) **W2132A** HP 213A Ylw Original LaserJet Toner Crtg(~3,000 pages) **W2133A** HP 213A Mgn Original LaserJet Toner Crtg(~3,000 pages) **W2130X** HP 213X Blk Original LaserJet Toner Crtg(~9,000 pages) **W2131X** HP 213X Cyn Original LaserJet Toner Crtg(~6,000 pages) **W2132X** HP 213X Ylw Original LaserJet Toner Crtg(~6,000pages) **W2133X** HP 213X Mgn Original LaserJet Toner Crtg(~6,000 pages) **W2130Y** HP 213Y Blk Original LaserJet Toner Crtg(~18,000 pages) **W2131Y** HP 213Y Cyn Original LaserJet Toner Crtg(~12,000 pages) **W2132Y** HP 213Y Ylw Original LaserJet Toner Crtg(~12,000 pages) **W2133Y** HP 213Y Mgn Original LaserJet Toner Crtg(~12,000 pages) **W2170Z** HP 217Z Blk Original LaserJet Toner Crtg(~32,000 pages) **W2171Z** HP 217Z Cyn Original LaserJet Toner Crtg(~24,000 pages) **W2172Z** HP 217Z Ylw Original LaserJet Toner Crtg(~24,000 pages) **W2173Z** HP 217Z Mgn Original LaserJet Toner Crtg(~24,000 pages)
Accessories	**2TD64A** HP Accessibility Kit **4XN67A** HP Internal USB Expansion Kit **8FP31A** HP Jetdirect LAN Accessory **B5L31A** HP Foreign Interface Harness **A7W12A** HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese **A7W14A** HP LaserJet Swedish Overlay Keyboard **2NR12A** HP Removable Hard Drive Enclosure **478C2A** HP Printing Voice Assistant **1M0Q0A** HP MFP Analog Fax 702 Accessory **1M0Q1A** HP MFP Analog Fax 703 Accessory (BBU option code only) **1M0Q5A** HP LaserJet Workflow Accelerator Card **6QN54A** HP Color LaserJet Stand **6QN55A** HP Color LaserJet Storage Stand **6QN57A** HP Color LaserJet 550 Sheet Paper Tray **6QN58A** HP Color LaserJet 2100 HCI Feeder and Stand **616G9A** HP LaserJet A5 HCI Guide Kit **616H0A** HP LaserJet Statement HCI Guide Kit **1M0Q2A** HP LaserJet Workflow Keyboard **616H2A** HP LaserJet Workflow UK Keyboard **X3D03A** HP USB Universal Card Reader **Y7C05A** HP HIP2 Keystroke Reader **4QL32A** HP Legic Secure USB Reader **35H11A** HP HID Mob Acc Mifare DES Fire ks Reader **9EQ11A** HP 500GB CCC FIPS Hard Disk Drive **3JN69A** HP Jetdirect 3100w BLE/NFC/Wireless **766R7A** HP LaserJet 512 GB SED-TAA Solid State Drive **65A32A** HP Color LaserJet Lunar Gray 550 sheet Paper Tray **65A37A** HP Color LaserJet Lunar Gray 2100 sheet High Capacity Paper Tray/Stand **65A42A** HP Color LaserJet Lunar Gray Storage Stand
Service and Support	**U45SXE** HP 3 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP 680x **U45SYE** HP 4 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP 680x **U45SZE** HP 5 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP 680x **U45T0E** HP 3 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP 680x **U45T1E** HP 4 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP 680x **U45T2E** HP 5 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP 680x **U45T6E** HP 3 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP 680x **U45T7E** HP 4 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP 680x **U45T8E** HP 5 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP 680x **U45T9PE** HP 1 year Post Warranty Next Business Day with DMR Service for Color LaserJet Enterprise MFP 680x **U45TCPE** HP 1 year Post Warranty 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP 680x **U45THPE** HP 1 year PW Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP 680x **U45VXE** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x Fuser 110 Enhanced **U45VYE** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x Fuser 220 Enhanced **U45VZE** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x ITB **U45W0E** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x ITB Kit **U45W1E** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x X677xx TCU **U45W2E** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x X677xx MP Tray Roller **U45W3E** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x X677xx Tray 2 Roller **U60YTE** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x X677xx ADF Flow Roller **U60YVE** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP 680x X677xx ADF Flow Roller **U45W4E** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP X677xx Fuser 110 Enhanced **U45W5E** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP X677xx Fuser 220 Enhanced **U45W6E** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP X677xx ITB **U49RFE** HP Maintenance Kit Replacement Service for Color LaserJet Enterprise MFP X677xx Transfer Roller

Technical specifications

Model	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer
Product number	6QN37A
Functions	Print, copy, scan, fax
Control panel	10.1 in (25.6 cm) touchscreen with color graphics
Print	
Print technology	Laser
Print speed[6]	**Black (A4, normal)**: Up to 52 ppm **Colour (A4, normal)**: Up to 52 ppm ; **Black (A4, duplex)**: Up to 52 ipm **Colour (A4, duplex)**: Up to 52 ipm
First page out[7]	**Black (A4, ready)**: As fast as 6.5 sec **Colour (A4, ready)**: As fast as 7.4 sec ; **Black (A4, sleep)**: As fast as 9.8 sec **Colour (A4, sleep)**: As fast as 10.2 sec
Print resolution	**Black (best)**: Up to 1200 x 1200 dpi **Colour (best)**: Up to 1200 x 1200 dpi ; **Technology**: HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)
Monthly duty cycle	Up to 100,000 pages A4; **Recommended monthly page volume**: 2000 to 14,000
Printer smart software features	Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 10.1 in (25.6 cm) touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
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
Print area	**Print margins** Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area : 207.4 x 1191.4 mm
Duplex printing	Automatic
Copy	
Copy speed	**Black (A4)**: Up to 52 cpm; **Colour (A4)**: Up to 52 cpm
Copier specifications	Book Copy; Booklet; Build Job; Collation; Color; Content orientation; Copy preview; Darkness control; Default Original Size; Edge Erase; Edge-to-Edge; ID Copy; Image adjustment; Job build; N or Z-ordering; Number of Copies; N-up; Original Size; Original Type; Paper Size; Paper Source; Paper type; Punch; Save Current Settings; Staple; Text; Text/Photo; Tray Selection; Two-sided copy; Watermark; reduce/enlarge; Scan mode (book, 2-sided ID); Stamps; Image overlay; Image shift; Image preview; Paper selection; Scan to job storage; Automatically straighten; Automatically detect color/monochrome; Auto tone; Multi-feed detection; Document editing; Auto paper color removal; **Maximum number of copies**: Up to 9999; **Reduce/Enlarge**: 25 to 400%
Scan	
Scan speed[10]	**Normal (A4)**: Up to 95 ppm/190 ipm (b&w), up to 95 ppm/190 ipm (color) ;**Duplex (A4)**: Up to 190 ipm (b&w), up to 190 ipm (color)
Scan file format[11]	JPEG; TIFF; MTIFF; XPS; PDF; PDF/A; High-Compression PDF; High-Compression PDF/A; Searchable PDF (OCR); Searchable PDF/A (OCR); High-Compression Searchable PDF (OCR); High-Compression Searchable PDF/A (OCR); CSV (OCR); HTML (OCR); Open Office XML (.docx, .xlsx, .pptx); RTF (OCR); TEXT (OCR); Unicode TEXT (OCR)
Scanner specifications	**Scanner type** Flatbed ; ADF; **Scan technology**: Charge Coupled Device (CCD) Flatbed; Contact Image Sensor (CIS) ADF; **Scan input modes**: Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXP), HP Workpath applications; **Twain version**: Version 2.4; **Duplex ADF scanning**: Yes; **Optical scan resolution**: Up to 600 dpi
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; Onscreen editing with highlighting, redaction and signature capabilities
Scannable area	**Maximum media size (flatbed)**: 216 x 356 mm ;**Minimum media size (ADF)**: 68 x 127 mm **Maximum media size (ADF)**: 215.9 x 863.6 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: Scan to Email; scan to network folder; scan to USB drive; scan to SharePoint; scan to FTP; scan to sFTP; scan to LAN fax; scan to Internet Fax; local address book; SMTP over SSL; automatically detect color/monochrome; high compression PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); content orientation; scan mode (book, 2-sided ID); erase edges; auto page crop; job build; image preview; blank page suppression; automatically straighten; embedded OCR; optimize text/picture (auto); scan to multi-destination; automatic tone; auto orientation; multi-feed detection; reverse and retry; document editing; auto paper color removal; job separation (blank page, barcode); watermark; stamps; scan to Onedrive; scan to Onedrive for Business; scan to Sharepoint Online
Fax	
Fax[4]	Yes, 33.6 kbps
Fax specifications	**Fax memory**: Up to 1000 pages; **Fax resolution**: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; **Quick dialing**: Up to 1000 numbers
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
Processor speed	1.6 GHz
Connectivity	
Standard	1 Fax; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (host); 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 802.11a/b/g/n (2.4/5 GHz) Wi-Fi radio + BLE
Optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Mobile printing capability	Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional)
Supported network protocols	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™, 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
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; Microsoft Universal Print (MUP) support
Hard disk	Standard, minimum 500 GB HDD; Optional, 256 GB SSD (via CTO)
Memory	**Standard**: 6 GB ;**Maximum**: 6 GB
Media handling	
Number of paper trays	**Standard**: 4 ;**Maximum**: up to 4
Media types	Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined
Media size	**Custom (metric)**: Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, Tray 3 (1x550-sheet feeder), Tray 4 (1x550-sheet feeder): 101 x 148 to 216 x 356 mm; optional 2,100-sheet high-capacity feeder: custom sizes not supported in this tray **Supported (metric)**: Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2, Tray 3 (1x550-sheet feeder), Tray 4 (1x550-sheet feeder): A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard (JIS); optional 2,100-sheet high-capacity feeder: A4; A5 (with optional accessory) **ADF**: Letter; legal; oficio; 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 handling	**Tray 1:** Paper: 100 sheets of 75 g/m² media; Envelopes: 10 **Tray 2:** Paper: 550 sheets **Tray 3:** Paper: 550 sheets **Maximum:** up to 1750 sheets **ADF:** Standard, 150 sheets
Media weight	Tray 1: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); Tray 2: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 2,100-sheet high-capacity input: 60 to 220 g/m² (plain)
Input capacity	**Standard input:** 3x 550-sheet input trays, 100-sheet multi-purpose tray **Standard output:** Up to 1000 sheets **Optional input:** optional 550-sheet input trays (up to 2) or optional 2,100-sheet high capacity input
Output capacity	**Standard:** Up to 1000 sheets **Maximum:** Up to 1000 sheets

Technical specifications

Model	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer
Product number	6QN37A
Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux; Citrix; Chrome OS
Compatible network operating systems	Windows Server; SAP; Novell; UNIX; Citrix; Linux
Minimum system requirements	**Windows**: 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;
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com;
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; Hardware-based Memory ShieldTM with Control Flow Integrity (CFI) 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 Device Security Syslog Messages processed and accessable in Arcsight and Splunk SIEMs
Printer management	HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center; HP Smart Device Services (SDS)
Dimensions and weight	
Printer dimensions (W x D x H)[12]	**Minimum** 520 x 528 x 1154 mm; **Maximum**: 870 x 823 x 1399 mm
Package dimensions (W x D x H)	760 x 790 x 1354 mm
Printer weight	~77.1 kg
Package weight	~91.77 kg
Operating environment	**Temperature**: 10 to 32.5°C **Humidity**: 30 to 70% RH
Storage conditions	**Temperature**: -20 to 40ºC
Acoustics	**Acoustic power emissions**: 6.6 B(A) **Acoustic pressure emissions**: 53 dB(A)
Power	**Requirements**: Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A; Input voltage: 220 V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/- 3Hz), 6 A; **Consumption**: 717 watts (Printing/Copying), 63.4 watts (Ready), 1.1 watts (Sleep), 0.1 watts (Auto Off/Manual On), 0.1 watts (Manual Off); **Typical Electricity Consumption (TEC)**[9]: 0.709 kWh/week (Energy Star 3.0); 0.659 kWh/week (Blue Angel); **Power supply type**: Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier)
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Certifications	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. **Electromagnetic emission standard**: CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries. CECP; IT ECO Declaration; Blue Angel; SEPA; KOECO; EPEAT® registered; ENERGY STAR® certified **Blue Angel compliant**[8] Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies **Telecom compliance**: Telecom Wired: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2; FCC Rules and Regulations 47 CFR Part 68. Other Telecom approvals as required by individual countries. Telecom Wireless: FCC 47 CFR Part 15 Subpart C & E (UNII); FCC 47 CFR Part 15 Subpart C & E; IRSS-Gen Issue 4/RSS 247 Issue 2, 2017 & RSS 102 Issue 5, 2015; EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.4; EN 300 440-1 V2.1.1; EN 300 328 V2.2.2; EN 301 893 V2.1.1. Other Telecom approvals as required by individual countries.
Sustainable impact specifications	5% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
Country of origin	Made in China
What's in the box[1]	6QN37A HP Color LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~9,000 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~6,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord; For 6800zfw+ and 6801zfw+, floor-standing finisher (632P1A) must be ordered together with the printer
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://hp.com/support to learn about HP award winning service and support options in your region.

Footnotes

[1] Not all MFPs may be compatible with Workpath apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Not all apps may be available in all locations. Subscription may be required. Personalized content and integration functions are applicable to supported HP Workpath apps only. [2] Targeted fusing technology comes standard on the 6000/X600 series bundles and is offered as an optional service part on the 5000/X500 series. [3] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. Measured using standards found at: http://standards.iso.org/ittf/PubliclyAvailableStandards/SC28_Test_Pages/ [4] Reverse and retry technology is only available on Flow-based models. [5] HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2022 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: hp.com/go/PrintersThatProtect. For more information, visit: http://www.hp.com/go/printersecurityclaims. [6] Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: https://www.commoncriteriaportal.org/files/epfiles/Certification Report - HP Intrusion Detection.pdf [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. [8] To learn more about configure to order options, contact your HP or Partner Representative. [9] Contact your HP or your Partner Representative to learn more about Custom Color Manager. [10] This product comes with Atmosphere Blue (standard) panels. Panels in other colors (Constellation Yellow, Comet Red, Aurora Purple, Lunar Grey, Cosmic Green) are only available transactionally via HP Configure to Order, or contractually via Managed Print Services. Models offered in China have Lunar Grey (standard) instead of Atmosphere Blue. Please contact your HP or partner representative to learn more about customizable color panels.

Technical specifications disclaimers

[1] For yield information on the cartridge(s) included with your printer, see https://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. [2] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield [3] EPEAT® registered where applicable. EPEAT registration varies by country. See https://www.epeat.net for registration status by country. [4] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. [5] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [6] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [7] Measured using ISO/IEC 17629. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [8] 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 value typically based on measurement of 115V device and 230V for Blue Angel. [9] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). [10] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. [11] For Scan software, we support: Windows (JPG, RAW(BMP), PDF, TIFF, PNG, RTF) and Mac (JPG, JPG-2000, TIFF, PNG, PDF, Searchable PDF, RTF, TXT). Open Office XML requires HP FutureSmart 5.9 or later. [12] Maximum dimensions means doors, paper trays, and ADF (if applicable) are fully open. [13] Q7432A is the convenience stapler refill. J8J96A is the finisher stapler refill. [14] Scan to Onedrive, scan to Onedrive for Business, and scan to Sharepoint Online requires HP FutureSmart 5.8 or later. [15] Requires HP FutureSmart 5.8.1.1 or later.