



# HP Color LaserJet Enterprise Flow MFP 6800zf Printer

**Powerfully productive. Extraordinarily efficient.**

Transform your workflows with advanced capabilities in a compact footprint. Customizable configurations from print speeds to color panels help to meet the needs of busy workgroups. All while protecting your business against evolving security threats.



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>

## Customizable and scalable solutions<sup>1</sup>

- Get the functionality you need with unprecedented, flexible configurations built to order. Optimize your device to meet your business needs and your budget.
- Select the document feeding solution that works best for your team.
- Choose built-in 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.<sup>2</sup>
- 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.<sup>3</sup>
- Targeted fusing technology<sup>4</sup> requires less energy and helps to reduce cooling requirements allowing for larger, faster color print jobs.

## Everything you expect from an office printer

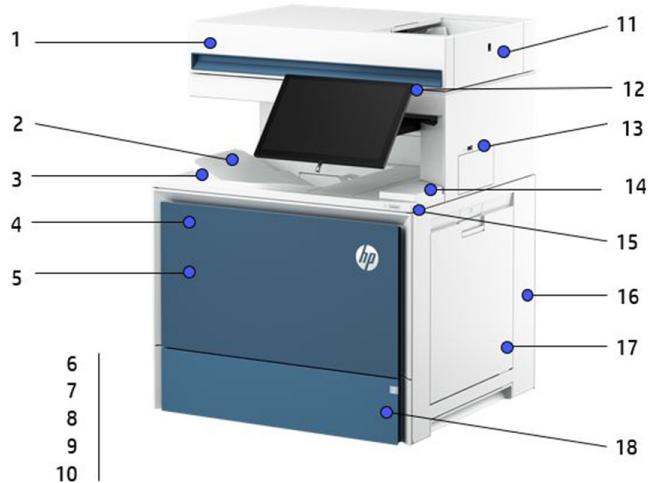
- Experience ultra-fast scanning speeds and ultimate productivity with HP Flow technology and up to 190 ipm<sup>5</sup> duplex scan technology
- HP's innovative in-line scan bar in an A4 printer helps to diagnose print quality issues with accurate remediation steps.
- Avoid interruptions and lost productivity with reverse-and-retry technology<sup>6</sup> 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 Shield<sup>TM</sup> and expanded run-time intrusion detection protects memory and other applications. Common Criteria certified<sup>7</sup> 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. 150-sheet dual side ADF support media sizes up to A4
2. 500-sheet output bin support media sizes up to A4
3. Automatic 2-sided printing
4. HP High-Performance Secure Hard Disk
5. Front door access to All-in-One toner cartridges
6. Slot for cable-type security lock
7. Super Speed USB 3.0 Host Port
8. Hi-Speed USB 2.0 Host Port
9. Gigabit Ethernet Port
10. Super Speed 3.0 device port
11. Long originals media sensor
12. 25.6 cm color touchscreen display
13. Easy-access USB port
14. Hardware Integration Pocket
15. Power button
16. Right door access to the print path
17. 100-sheet multipurpose tray 1 supports media sizes up to A4
18. 550-sheet tray 2 supports media sizes up to A4



## Series at a glance



Model	HP Color LaserJet Enterprise Flow MFP 6800zf Printer
Product number	6QN36A
Functions	Print, copy, scan, and fax (wireless optional)
Print speed	52/55 ppm (A4/letter)
Control panel	25.6 cm color touchscreen display
Scan speed	Up to 95 ppm/190 ipm (simplex/duplex)
RMPV	Up to 14,000 pages per month
Input capacity	650/3,300 (std/max)
Output capacity (standard)	500-sheets
Processor	Quad-core 1.6 GHz
Flow solutions	Yes
Workpath enabled	Yes
Extensibility	HP FutureSmart 5, OXPd

## Accessories, Supplies and Support

Supplies	<p>527F9A HP LaserJet Toner Collection Unit</p> <p>527G3A HP LaserJet 220V Enhanced Fuser Kit</p> <p>527G8A HP LaserJet Image Transfer Belt</p> <p>527G9A HP LaserJet Image Transfer Belt</p> <p>527H2A HP LaserJet Tray 2 Roller Kit</p> <p>527H3A HP LaserJet MP Tray Roller Kit</p> <p>6H122A HP LaserJet ADF Maintenance Kit</p> <p>6M1P3A HP LaserJet ADF Flow Maintenance Kit</p> <p>W2130A HP 213A Black Original LaserJet Toner Cartridge (~3,500) pages</p> <p>W2130X HP 213X High Yield Black Original LaserJet Toner Cartridge (~9,000) pages</p> <p>W2130Y HP 213Y Extra High Yield Black Original LaserJet Toner Cartridge (~18,000) pages</p> <p>W2131A HP 213A Cyan Original LaserJet Toner Cartridge (~3,000) pages</p> <p>W2131X HP 213X High Yield Cyan Original LaserJet Toner Cartridge (~6,000) pages</p> <p>W2131Y HP 213Y Extra High Yield Cyan Original LaserJet Toner Cartridge (~12,000) pages</p> <p>W2132A HP 213A Yellow Original LaserJet Toner Cartridge (~3,000) pages</p> <p>W2132X HP 213X High Yield Yellow Original LaserJet Toner Cartridge (~6,000) pages</p> <p>W2132Y HP 213Y Extra High Yield Yellow Original LaserJet Toner Cartridge (~12,000) pages</p> <p>W2133A HP 213A Magenta Original LaserJet Toner Cartridge (~3,000) pages</p> <p>W2133X HP 213X High Yield Magenta Original LaserJet Toner Cartridge (~6,000) pages</p> <p>W2133Y HP 213Y Extra High Yield Magenta Original LaserJet Toner Cartridge (~12,000) pages</p> <p>W2170Z HP 217Z Ultra High Yield Black Original LaserJet Toner Cartridge (32,000) pages</p> <p>W2171Z HP 217Z Ultra High Yield Cyan Original LaserJet Toner Cartridge (~24,000) pages</p> <p>W2172Z HP 217Z Ultra High Yield Yellow Original LaserJet Toner Cartridge (~24,000) pages</p> <p>W2173Z HP 217Z Ultra High Yield Magenta Original LaserJet Toner Cartridge (~24,000) pages</p>
Accessories	<p>1M0Q0A HP MFP Analog Fax 702 Accessory</p> <p>1M0Q1A HP MFP Analog Fax 703 Accessory</p> <p>1M0Q2A HP LaserJet Workflow Keyboard</p> <p>1M0Q5A HP LaserJet Workflow Accelerator Card</p> <p>2NR12A HP Removable Hard Drive Enclosure</p> <p>2TD64A HP Accessibility Kit</p> <p>35H11A HP HID Mobile Access Mifare DES Fire Keystroking Reader</p> <p>3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory</p> <p>478C2A HP Printing Voice Assistant</p> <p>4QL32A HP Logic Secure USB Reader</p> <p>4XN67A Internal USB Expansion Kit</p> <p>616G9A HP LaserJet A5 HCI Guide Kit</p> <p>616H0A HP LaserJet Statement HCI Guide Kit</p> <p>616H2A HP LaserJet Workflow UK Keyboard</p> <p>65A28A HP Color LaserJet Constellation Yellow 550 sheet Paper Tray</p> <p>65A29A HP Color LaserJet Cosmic Green 550 sheet Paper Tray</p> <p>65A30A HP Color LaserJet Aurora Purple 550 sheet Paper Tray</p> <p>65A31A HP Color LaserJet Comet Red 550 sheet Paper Tray</p> <p>65A32A HP Color LaserJet Lunar Gray 550 sheet Paper Tray</p> <p>65A33A HP Color LaserJet Constellation Yellow 2100 sheet High Capacity Paper Tray/Stand</p> <p>65A34A HP Color LaserJet Cosmic Green 2100 sheet High Capacity Paper Tray/Stand</p> <p>65A35A HP Color LaserJet Aurora Purple 2100 sheet High Capacity Paper Tray/Stand</p> <p>65A36A HP Color LaserJet Comet Red 2100 sheet High Capacity Paper Tray/Stand</p> <p>65A37A HP Color LaserJet Lunar Gray 2100 sheet High Capacity Paper Tray/Stand</p> <p>65A38A HP Color LaserJet Constellation Yellow Storage Stand</p> <p>65A39A HP Color LaserJet Cosmic Green Storage Stand</p> <p>65A40A HP Color LaserJet Aurora Purple Storage Stand</p> <p>65A41A HP Color LaserJet Comet Red Storage Stand</p> <p>65A42A HP Color LaserJet Lunar Gray Storage Stand</p> <p>6QN54A HP Color LaserJet Stand</p> <p>6QN55A HP Color LaserJet Storage Stand</p> <p>6QN57A HP Color LaserJet 550-sheet Media Tray</p> <p>6QN58A HP Color LaserJet 2100 HCI Feeder and Stand</p> <p>8FP31A HP Jetdirect LAN Accessory</p> <p>9EQ11A HP 500GB CCC, FIPS Hard Disk Drive</p> <p>A7W13A HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland</p> <p>A7W14A HP LaserJet Swedish Overlay Keyboard</p> <p>B5L31A HP Foreign Interface Harness</p> <p>X3D03A HP USB Universal Card Reader</p> <p>Y7C05A HP HiP2 Keystroke Reader</p>
Service and Support	<p>U455XE HP 3 year Next Business Day Service with Defective Media Retention for Color LaserJet Ent MFP 680x</p> <p>U455YE HP 4 year Next Business Day Service with Media Retention for Color LaserJet Ent MFP 680x</p> <p>U455ZE HP 5 year Next Business Day Service with Media Retention for Color LaserJet Ent MFP 680x</p> <p>U45T6E HP 3 year Parts Only Service with Defective Media Retention for Color LaserJetEntMFP680x</p> <p>U45T7E HP 4 year Parts Only Service with Defective Media Retention for Color LaserJetEntMFP680x</p> <p>U45T8E HP 5 year Parts Only Service with Defective Media Retention for Color LaserJetEntMFP680x</p> <p>U45T9PE HP 1 year Post Warranty Next Business Day Service with Defective Media Retention for Color LaserJet Ent MFP 680x</p> <p>U45THPE HP 1 year Post Warranty Parts Only Service with Defective Media Retention for Color LaserJetEntMFP680x</p>

## Technical specifications

Model	HP Color LaserJet Enterprise Flow MFP 6800zf Printer
Product number	6QN36A
Functions	Print, copy, scan, fax
Control panel	10.1 in (25.6 cm) touchscreen with color graphics
Print	
Print technology	Laser
Print speed <sup>6</sup>	<b>Black (A4, normal):</b> Up to 52 ppm <b>Colour (A4, normal):</b> Up to 52 ppm ; <b>Black (A4, duplex):</b> Up to 52 ipm <b>Colour (A4, duplex):</b> Up to 52 ipm
First page out <sup>7</sup>	<b>Black (A4, ready):</b> As fast as 6.1 sec <b>Colour (A4, ready):</b> As fast as 6.6 sec ; <b>Black (A4, sleep):</b> As fast as 9.5 sec <b>Colour (A4, sleep):</b> As fast as 10.1 sec
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi <b>Colour (best):</b> Up to 1200 x 1200 dpi ; <b>Technology:</b> HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi), Pantone Calibrated
Monthly duty cycle	Up to 100,000 pages A4; <b>Recommended monthly page volume:</b> 2000 to 14,000
Printer smart software features	Apple AirPrint™, Mopria-certified, HP ePrint, ROAM optional for easy printing, 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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>
Print area	<b>Print margins</b> 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	<b>Black (A4):</b> Up to 52 cpm; <b>Colour (A4):</b> 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; <b>Maximum number of copies:</b> Up to 9999; <b>Reduce/Enlarge:</b> 25 to 400%
Scan	
Scan speed <sup>10</sup>	<b>Normal (A4):</b> Up to 95 ppm/190 ipm (b&w), up to 95 ppm/190 ipm (color) ; <b>Duplex (A4):</b> Up to 190 ipm (b&w), up to 190 ipm (color)
Scan file format <sup>11</sup>	PDF; Hi-Compression PDF; PDFA; JPEG; TIFF; MTIFF; XPS
Scanner specifications	<b>Scanner type:</b> Flatbed ; ADF; <b>Scan technology:</b> Charge Coupled Device (CCD) Flatbed; Contact Image Sensor (CIS) ADF; <b>Scan input modes:</b> 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; <b>Twain version:</b> Version 2.4; <b>Duplex ADF scanning:</b> Yes; <b>Optical scan resolution:</b> 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
Scannable area	<b>Maximum media size (flatbed):</b> 216 x 356 mm ; <b>Minimum media size (ADF):</b> 68 x 127 mm <b>Maximum media size (ADF):</b> 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
Fax	
Fax <sup>4</sup>	Yes, 33.6 kbps
Fax specifications	<b>Fax memory:</b> Up to 1000 pages; <b>Fax resolution:</b> Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; <b>Quick dialing:</b> 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)
Optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam 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™, HP ePrint, Google Cloud Print; Discovery: SLR, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateful 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 which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec; 802.11a/b/g/n wireless networking (optional).
Hard disk	Standard, minimum 500 GB HDD; Optional, 256 GB SSD
Memory	<b>Standard:</b> 6 GB ; <b>Maximum:</b> 6 GB
Media handling	
Number of paper trays	<b>Standard:</b> 2 ; <b>Maximum:</b> up to 5
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	<b>Custom (metric):</b> Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm; optional 2,100-sheet high-capacity feeder; custom sizes not supported in this tray <b>Supported (metric):</b> 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, optional 1x550-sheet feeders: 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) <b>ADF:</b> 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	<b>Tray 1:</b> Paper: 100 sheets of 75 g/m <sup>2</sup> media; Envelopes: 10 <b>Maximum:</b> up to 3300 sheets <b>ADF:</b> Standard, 150 sheets
Media weight	Tray 1: 60 to 220 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy); Tray 2: 60 to 220 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy); optional 550-sheet input trays: 60 to 220 g/m <sup>2</sup> (plain), 120 to 220 g/m <sup>2</sup> (glossy); optional 2,100-sheet high-capacity input: 60 to 220 g/m <sup>2</sup> (plain)
Input capacity	<b>Standard input:</b> 550-sheet input tray, 100-sheet multi-purpose tray <b>Standard output:</b> Up to 500 sheets <b>Optional input:</b> optional 550-sheet input trays (up to 3), optional 2,100-sheet high capacity input
Output capacity	<b>Standard:</b> up to 500 sheets <b>Maximum:</b> Up to 3300 sheets

## Technical specifications

Model	HP Color LaserJet Enterprise Flow MFP 6800zf Printer
Product number	6QN36A
Compatible operating systems	Windows 11; Windows 10; Windows 7; Chrome OS; Citrix; Linux; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catalina; Mobile OS; iOS; Android; Windows Client OS
Compatible network operating systems	Windows Server; SAP; Novell; UNIX; Citrix; Linux
Minimum system requirements	<b>Windows:</b> 2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ; <b>Mac:</b> 2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see <a href="http://apple.com">apple.com</a> ;
Software included	No software solutions are included in the Box only on <a href="http://hp.com">http://hp.com</a> <a href="http://123.hp.com">http://123.hp.com</a> ;
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/fw 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; 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 accessible in Arcsight and Splunk SIEMs
Printer management	HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center
Dimensions and weight	
Printer dimensions (W x D x H) <sup>12</sup>	<b>Minimum:</b> 500 x 460 x 651 mm; <b>Maximum:</b> 860 x 820 x 896 mm
Package dimensions (W x D x H)	598 x 798 x 680 mm
Printer weight	~42.2 kg
Package weight	~46.2 kg
Operating environment	<b>Temperature:</b> 10 to 32.5°C <b>Humidity:</b> 30 to 70% RH
Storage conditions	<b>Temperature:</b> -20 to 40°C
Acoustics	Acoustic power emissions: 6.6 B(A) Acoustic pressure emissions: 53 dB(A)
Power	<b>Requirements:</b> 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; <b>Consumption:</b> 717 watts (Printing/Copying), 63.4 watts (Ready), 1.1 watts (Sleep), 0.1 watts (Auto Off/Manual On), 0.1 watts (Manual Off); <b>Typical Electricity Consumption (TEC):</b> 0.709 kWh/week (Energy Star 3.0); 0.659 kWh/week (Blue Angel); <b>Power supply type:</b> 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. <b>Electromagnetic emission standard:</b> 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; EPEAT® Gold registered; SEPA; KOECO <b>Blue Angel compliant</b> <sup>6</sup> Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies <b>Telecom compliance</b> ES 203 021-1 v2.1.1 / ES 203 021-2 v2.1.2 / ES 203 021-3 v2.1.2; FCC Rules & Regulations 47 CFR Part 68; Industry Canada CS-03; Other Telecom approvals as required by individual countries.
Sustainable impact specifications	15% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
Country of origin	Made in Czech Republic
What's in the box <sup>1</sup>	6QN36A HP Color LaserJet Enterprise Flow MFP 6800zf 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
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://hp.com/support">http://hp.com/support</a> to learn about HP award winning service and support options in your region.

### Footnotes

<sup>1</sup> To learn more about configure to order options, contact your HP or Partner Representative. <sup>2</sup> 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. <sup>3</sup> Contact your HP or your Partner Representative to learn more about Custom Color Manager. <sup>4</sup> Targeted fusing technology comes standard on the 6000/X600 series bundles and is offered as an optional service part on the 5000/X500 series. <sup>5</sup> 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/](http://standards.iso.org/ittf/PubliclyAvailableStandards/SC28_Test_Pages/)

<sup>6</sup> Reverse and retry technology is only available on Flow-based models. <sup>7</sup> 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%20Report%20-20HP%20Intrusion%20Detection.pdf>.

### Technical specifications disclaimers

<sup>1</sup> 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. <sup>2</sup> 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>. <sup>3</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <https://www.epeat.net> for registration status by country. <sup>4</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. <sup>5</sup> 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. <sup>6</sup> 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. <sup>7</sup> 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. <sup>8</sup> 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. <sup>9</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). <sup>10</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <sup>11</sup> For Scan software, we support: Windows (JPG, RAW(BMP), PDF, TIFF, RTF) and Mac (JPG, JPEG-2000, TIFF, PNG, PDF, Searchable PDF, RTF, TXT). <sup>12</sup> Maximum dimensions means doors, paper trays, and ADF (if applicable) are fully open. <sup>13</sup> Q7432A is the convenience stapler refill. J8J96A is the finisher stapler refill.

