Data sheet

HP Color LaserJet Enterprise Flow MFP 6800 Printer series

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.

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. Automatic 2-sided printing

2. 3,300-sheet high-capacity Staple Finisher with hole-punch option

3. HP High-Performance Secure Hard Disk

4. Front door access to All-in-One toner cartridges

5. 550-sheet tray 3 supports media sizes up to Legal (8.5x14 inch)

6. 150-sheet dual side Flow enabled ADF supportsmediasizes up to Legal (8.5x14 inch)

7. 10.1 inch color touchscreen display (25.6 cm) - Optional QWERTY physical keyboard attaches only to 10.1 inch color touchscreen display

8. Long originals media sensor

9. Easy-access USB port[1]

10. Convenience Stapler

11. Hardware Integration Pocket[2] (for connecting accessories and third-party devices)

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. 550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)

16. 2,100-sheet high-capacity tray/stand supports media sizes up to Legal (8.5x14 inch)

17. Tray 3 & 4 jams access doors

18. Slot for cable-type security lock[5]

19. SuperSpeed USB 3.0 Host Port[5]

20. Hi-Speed USB 2.0 Host Port[5]

21. Gigabit Ethernet Port[5]

22. SuperSpeed 3.0 device port[5]

23. (Optional OCR Accelerator Card)[5]

[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.
[3] Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printer claims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[4] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[5] Additional items included on the back of the printer in the Input/Output Plate.
* 6800zfw+ image shown as example

Series at a glance

Model	HP Color LaserJet Enterprise Flow MFP 6800zf Printer	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer	HP Color LaserJet Enterprise Flow MFP 6800zfw+ Printer
Product number	6QN36A	6QN37A	6QN38A
Functions	Print, copy, scan, and fax (wireless optional)		
Print speed (A4 and letter, black and color)[3]	Up to 52 ppm (A4/letter)		
Control panel	10.1 inch color touchscreen display		
Scan speed[4]	95 ppm(A4 b&w/color)/190 ipm(A4 b&w/color) (simplex/duplex)		
Recommended Monthly Page Volume	Up to 14,000 pages per month		
Input capacity	650/3,300 (std/max)	1,750/1,750 (std/max)	3,300/3,300 (std/max)
Output capacity (standard)	500-sheets	1,000-sheets	3,300-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
	A7W13A HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland
	A7W14A HP LaserJet Swedish Overlay Keyboard
	CC543B HP SmartCard NIPRNet Solution for US Government
	F8B30A HP SmartCard SIPRNet Solution for US Government
	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
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 6800zf Printer	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer	HP Color LaserJet Enterprise Flow MFP 6800zfw+ Printer
Product number	6QN36A	6QN37A	6QN38A
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 6.1 sec **Colour (A4, ready)**: As fast as 6.6 sec **Black (A4, sleep)**: As fast as 9.5 sec **Colour (A4, sleep)**: As fast as 10.1 sec	**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	**Black (A4, ready)**: As fast as 8.8 sec **Colour (A4, ready)**: As fast as 9.2 sec **Black (A4, sleep)**: As fast as 11.3 sec **Colour (A4, sleep)**: As fast as 12.0 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		**Print margins** Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area: 207.4 x 347.4 mm
Duplex printing	Automatic		
Copy			
Copy speed	**Black (A4)**: Up to 52 cpm; **Colour (A4)**: Up to 52 cpm		
First copy out	**Black (A4)**: As fast as 6.4 sec **Colour (A4)**: As fast as 7.1 sec	**Black (A4)**: As fast as 5.3 sec **Colour (A4)**: As fast as 6.2 sec	**Black (A4)**: As fast as 6.9 sec **Colour (A4)**: As fast as 7.5 sec
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]	PDF; Hi-Compression PDF; PDFA; JPEG; TIFF; MTIFF; XPS		
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		
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; **Telecom compliance**: 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.	**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; **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.	
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	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		

Model	HP Color LaserJet Enterprise Flow MFP 6800zf Printer	HP Color LaserJet Enterprise Flow MFP 6800zfsw Printer	HP Color LaserJet Enterprise Flow MFP 6800zfw+ Printer
Product number	6QN36A	6QN37A	6QN38A
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: 2 ; Maximum: up to 5	Standard: 4 ; Maximum: up to 4	Standard: 4 ; Maximum: 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	Custom (metric): 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 ; 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, 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) ; 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	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	Custom (metric): Tray 1: 64 x 127 to 216 x 356 mm; Tray 2, Tray 3 (1x550-sheet feeder): 101 x 148 to 216 x 356 mm; Tray 4 (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): A4, A5, A6, RA4, B5, B6, 10 x 15 cm, Oficio, 16k, Dpostcard (JIS); Tray 4 (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	Standard input: 550-sheet input tray, 100-sheet multi-purpose tray\nStandard output: Up to 500 sheets\nOptional input: optional 550-sheet input trays (up to 3), optional 2,100-sheet high capacity input\nADF: Standard, 150 sheets	Standard input: 3x 550-sheet input trays, 100-sheet multi-purpose tray\nStandard output: Up to 1000 sheets\nOptional input: optional 550-sheet input trays (up to 2) or optional 2,100-sheet high capacity input\nADF: Standard, 150 sheets	Standard input: 100-sheet multi-purpose tray, 2x550-sheet input trays, 2,100-sheet high capacity input\nStandard output: Standard: Up to 3300 sheets; Staple; Stack; Job Offset; Punch; multi-position stapling; Convenience Stapler; up to 3300 sheets Standard\nADF: 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); ADF: 45 to 199 g/m²		
Input capacity	Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10\nTray 2: Paper: 550 sheets\nMaximum: up to 3300 sheets\nADF: Standard, 150 sheets	Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10\nTray 2: Paper: 550 sheets\nTray 3: Paper: 550 sheets\nMaximum: up to 1750 sheets\nADF: Standard, 150 sheets	Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10\nTray 2: Paper: 550 sheets\nTray 3: Paper: 550 sheets\nMaximum: up to 3300 sheets\nADF: Standard, 150 sheets
Output capacity	Standard: up to 500 sheets\nMaximum: Up to 3300 sheets	Standard: Up to 1000 sheets\nMaximum: Up to 1000 sheets	Standard: up to 3300 sheets\nMaximum: Up to 3300 sheets
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;;\nMac: 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 500 x 460 x 651 mm; Maximum: 860 x 820 x 896 mm	Minimum 520 x 528 x 1154 mm; Maximum: 870 x 823 x 1399 mm	Minimum 1202 x 559 x 1147 mm; Maximum: 1552 x 939 x 1383 mm
Package dimensions (W x D x H)	598 x 798 x 680 mm	760 x 790 x 1354 mm	760 x 790 x 1339 mm
Printer weight	~42.2 kg	~77.1 kg	119 kg (engine + 632P1A)
Package weight	~46.2 kg	~91.77 kg	148.49 kg (engine + 632P1A)
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)		Acoustic power emissions: 6.7 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 ;\nConsumption: 717 watts (Printing/Copying), 63.4 watts (Ready), 1.1 watts (Sleep), 0.1 watts (Auto Off/Manual On), 0.1 watts (Manual Off) ;\nTypical Electricity Consumption (TEC)[9]: 0.709 kWh/week (Energy Star 3.0); 0.659 kWh/week (Blue Angel) ;\nPower 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[3]	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.\nCECP; IT ECO Declaration; Blue Angel; EPEAT® Gold registered; SEPA; KOECO\nBlue Angel compliant[8] Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies	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.\nCECP; IT ECO Declaration; Blue Angel; EPEAT® registered; SEPA; KOECO\nBlue Angel compliant[8] Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies	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.\nCECP; Blue Angel; IT ECO Declaration; EPEAT® Gold registered; SEPA; KOECO\nBlue Angel compliant[8] Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications	5% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered		
What's in the box[1]	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		
Country of origin	Made in China		
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)

[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.

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