HP Color LaserJet Enterprise MFP X677s 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

Storage   Print apps   HP Web Jetadmin

Privacy

Customizable and scalable solutions.

- Expand device functionality and performance with upgradeable options through any point while in contract.
- Get the functionality you need with input options to help optimize your device to meet your business needs and your budget.
- Choose storage options to handle data and documents 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.

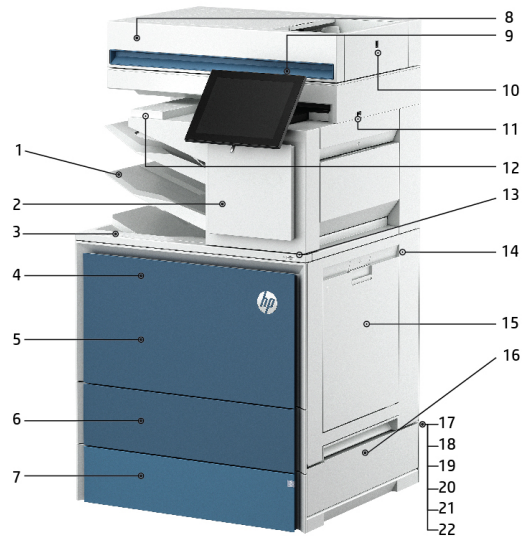### Everything you expect from an office printer

- Experience fast scanning speeds and ultimate productivity with 160 ipm[3] duplex scan technology.
- Busy workgroups can get everything done with fast print speeds of up to 65 PPM[4] setting the pace to handle any workload with reliable quality.
- Easily enable workflows with a consistent user experience and intuitive, tablet-like icons on the 8-inch color touchscreen display.
- Get maximum productivity and increased print performance with HP's fastest quad-core processor for copying, scanning, and printing.
- Maintain productivity and stay up to date on the latest features across your fleet with upgradeable HP FutureSmart firmware[5]

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.
- 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[7] 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. 1000-sheet multi-bin staple finisher
2. Staple cartridge access door
3. Automatic 2-sided printing
4. Front door access to process cartridges
5. HP High Performance Secure Hard Disk
6. Front door access to toner cartridges
7. 550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)
8. 100-sheet dual side Flow enabled ADF supports media sizes up to Legal (8.5x14 inch)
9. 8 inch color touchscreen display (20.32 cm) - Optional QWERTY physical keyboard attaches only to 10.1 inch color touchscreen display
10. Long originals media sensor
11. Easy-access USB port[2]
12. Hardware Integration Pocket[1] (for connecting accessories and third-party devices)
13. Power button
14. Right door access to the print path
15. 100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)
16. Tray 2 jam access door
17. Slot for cable-type security lock[3]
18. SuperSpeed USB 3.0 Host Port[3]
19. Hi-Speed USB 2.0 Host Port[3]
20. Gigabit Ethernet Port[3]
21. SuperSpeed 3.0 device port[3]
22. (Optional OCR Accelerator Card)[3]

[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] Additional items included on the back of the printer in the Input/Output Plate.

Series at a glance

Model	HP Color LaserJet Enterprise MFP X677s Printer
Product number	76H08A
Functions	Print, copy, and scan (fax and wireless optional) (all models)
Print speed	Up to 61 ppm (A4) with optional speed license
Control panel	20.3 cm color touchscreen display
Scan speed	76 ppm(A4 b&w/color)/152 ipm(A4 b&w/color) (simplex/duplex)
RMPV	Up to 30,000 pages per month
Input capacity	650/2,750 (std/max)
Output capacity (standard)	1,000-sheets
Processor	Quad-core 1.6 GHz
Flow solutions	No
Workpath enabled	Yes
Extensibility	HP FutureSmart 5, OXPd

Accessories, Supplies and Support

Supplies	W9270MC HP Blk Managed LaserJet Toner Crtg(~44,000 pages) W9271MC HP Cyn Managed LaserJet Toner Crtg(~33,000 pages) W9272MC HP Ylw Managed LaserJet Toner Crtg(~33,000 pages) W9273MC HP Mgn Managed LaserJet Toner Crtg(~33,000 pages) W9280MC HP Blk Managed LaserJet Imaging Drum(~150,000 pages) W9281MC HP Cyn Managed LaserJet Imaging Drum(~150,000 pages) W9282MC HP Ylw Managed LaserJet Imaging Drum(~150,000 pages) W9283MC HP Mgn Managed LaserJet Imaging Drum(~150,000 pages) 527G2A HP LaserJet 110V Enhanced Fuser Kit 527G3A HP LaserJet 220V Enhanced Fuser Kit 527G4MC HP LaserJet Managed 110V Enhanced Fuser Kit 527G5MC HP LaserJet Managed 220V Enhanced Fuser Kit 527H0MC HP LaserJet Managed Image Transfer Belt Kit 527H1MC HP LaserJet Managed Transfer Roller Kit 527H2A HP LaserJet Tray 2 Roller Kit 527H3A HP LaserJet MP Tray Roller Kit 6H122A HP LaserJet ADF Maintenance Kit 6M1P3A HP LaserJet ADF Flow Maintenance Kit 527F9A HP LaserJet Toner Collection Unit J8J96A HP Staple Cartridge Refill (5,000 staples)
Accessories	2TD64A HP Accessibility Kit 4XN67A HP Internal USB Expansion Kit 8FP31A HP Jetdirect LAN Accessory B5L31A HP Foreign Interface Harness 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) 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 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 630C2A HP CLJ X677 Constellation Yellow Color Panel Kit 630C3A HP CLJ X677 Cosmic Green Color Panel Kit 630C4A HP CLJ X677 Aurora Purple Color Panel Kit 630C5A HP CLJ X677 Comet Red Color Panel Kit 630C6A HP CLJ X677 Lunar Gray Color Panel Kit 630C7A HP 550 Sheet Paper Tray Constellaiton Yellow Panel Kit 630C8A HP 550 Sheet Paper Tray Cosmic Green Panel Kit 630C9A HP 550 Sheet Paper Tray Aurora Purple Panel Kit 630D0A HP 550 Sheet Paper Tray Comet Red Panel Kit 630D1A HP 550 Sheet Paper Tray Lunar Gray Panel Kit 630D2A HP HC Tray Constellation Yellow Panel Kit 630D3A HP HC Tray Cosmic Green Panel Kit 630D4A HP HC Tray Aurora Purple Panel Kit 630D5A HP HC Tray Comet Red Panel Kit 630D6A HP HC Tray Lunar Gray Panel Kit 630D7A HP Storage Stand Constellation Yellow Panel Kit 630D8A HP Storage Stand Cosmic Green Panel Kit 630D9A HP Storage Stand Aurora Purple Panel Kit 630F0A HP Storage Stand Comet Red Panel Kit 630F1A HP Storage Stand Lunar Gray Panel Kit 65A28A HP Color LaserJet Constellation Yellow 550 sheet Paper Tray 65A29A HP Color LaserJet Cosmic Green 550 sheet Paper Tray 65A30A HP Color LaserJet Aurora Purple 550 sheet Paper Tray 65A31A HP Color LaserJet Comet Red 550 sheet Paper Tray 65A32A HP Color LaserJet Lunar Gray 550 sheet Paper Tray 65A33A HP Color LaserJet Constellation Yellow 2100 sheet High Capacity Paper Tray/Stand 65A34A HP Color LaserJet Cosmic Green 2100 sheet High Capacity Paper Tray/Stand 65A35A HP Color LaserJet Aurora Purple 2100 sheet High Capacity Paper Tray/Stand 65A36A HP Color LaserJet Comet Red 2100 sheet High Capacity Paper Tray/Stand 65A37A HP Color LaserJet Lunar Gray 2100 sheet High Capacity Paper Tray/Stand 65A38A HP Color LaserJet Constellation Yellow Storage Stand 65A39A HP Color LaserJet Cosmic Green Storage Stand 65A40A HP Color LaserJet Aurora Purple Storage Stand 65A41A HP Color LaserJet Comet Red Storage Stand 65A42A HP Color LaserJet Lunar Gray Storage Stand
Service and Support	U45TKE HP 3 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP X677xx U45TLE HP 4 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP X677xx U45TME HP 5 year Next Business Day with DMR Service for Color LaserJet Enterprise MFP X677xx U45TNE HP 3 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X677xx U45TQE HP 4 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X677xx U45TRE HP 5 year 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X677xx U45TXE HP 3 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X677xx U45TYE HP 4 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X677xx U45TZE HP 5 year Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X677xx U45U0PE HP 1 year Post Warranty Next Business Day with DMR Service for Color LaserJet Enterprise MFP X677xx U45U2PE HP 1 year Post Warranty 4 hour 9x5 with DMR Service for Color LaserJet Enterprise MFP X677xx U45U6PE HP 1 year PW Channel Parts Exchange with DMR Service for Color LaserJet Enterprise MFP X677xx 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 MFP X677s Printer
Product number	76H08A
Functions	Print, copy, scan, fax (optional)
Control panel	8.0 in (20.3 cm) touchscreen with color graphics
Print	
Print technology	Laser
Print speed[6]	**Black (A4, normal)**: Up to 52 ppm; Up to 61 ppm (with 49K94AAE) **Colour (A4, normal)**: Up to 52 ppm; Up to 61 ppm (with 49K94AAE) ; **Black (A4, duplex)**: Up to 52 ipm; Up to 61 ipm (with 49K94AAE) **Colour (A4, duplex)**: Up to 52 ipm; Up to 61 ipm (with 49K94AAE)
First page out[7]	**Black (A4, ready)**: As fast as 6.6 sec; As fast as 6.6 sec (with 49K94AAE) **Colour (A4, ready)**: As fast as 7.4 sec; As fast as 7.1 sec (with 49K94AAE) ; **Black (A4, sleep)**: As fast as 9.8 sec; As fast as 9.5 sec (with 49K94AAE) **Colour (A4, sleep)**: As fast as 10.2 sec; As fast as 10.1 sec (with 49K94AAE)
Print resolution	**Black (best)**: Up to 1,200 x 1,200 dpi **Colour (best)**: Up to 1200 x 1200 dpi ; **Technology**: HP ImageREt 4800, Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)
Monthly duty cycle	Up to 180,000 pages A4; **Recommended monthly page volume**: Up to 30,000 pages
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 8 in (20.3 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 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple 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 https://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; Up to 61 cpm (with 49K94AAE); **Colour (A4)**: Up to 52 cpm; Up to 61 cpm (with 49K94AAE)
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; Photo; 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 strainghten; Automatically detect color/monochrome; **Maximum number of copies**: Up to 9999 copies; **Reduce/Enlarge**: 25 to 400%
Scan	
Scan speed[10]	**Normal (A4)**: Up to 76 ppm/152 ipm (b&w), up to 76 ppm/152 ipm (color); Up to 76 ppm/152 ipm (b&w), up to 76 ppm/152 ipm (color) (with 49K94AAE) ;**Duplex (A4)**: Up to 152 ipm (b&w), up to 152 ipm (color); Up to 152 ipm (b&w), up to 152 ipm (color) (with 49K94AAE)
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; E-Mail; FAX; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) Applications, HP Workpath Applications; **Twain version**: Version 2.4; **Duplex ADF scanning**: Yes; **Optical scan resolution**: Up to 600 x 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	**Maximum media size (flatbed)**: 216 x 356 mm ;**Minimum media size (ADF)**: 68 x 127 mm **Maximum media size (ADF)**: 216 x 864 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
Fax	
Fax[4]	Optional, 33.6 kbps (with optional analog fax accessory)
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 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; HP Jetdirect LAN Accessory 8FP31A
Mobile printing capability	Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; Google Cloud Print™; Wireless Direct Printing
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 (optional)
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 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: 2.52 x 5 to 8.5 x 47.24 in; Tray 2, optional 1x550-sheet feeders: 4 x 5.83 to 8.5 x 14 in; 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
Media handling	**Tray 1:** Paper: 100 sheets of 75 g/m² media; Envelopes: 10 **Tray 2:** Paper: 550 sheets **Maximum:** Up to 2750 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**: 550-sheet input tray, 100-sheet multi-purpose tray **Standard output**: 500-sheet output tray, 500-sheet output stapler stacker **Optional input**: optional 550-sheet input trays (up to 2), 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 MFP X677s Printer
Product number	76H08A
Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catalina; SAP; Chrome OS; Linux
Compatible network operating systems	Citrix; Linux; Novell; Windows Server
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** 500 x 476 x 894 mm; **Maximum**: 860 x 826 x 1139 mm
Package dimensions (W x D x H)	790 x 760 x 1164 mm
Printer weight	61.6 kg
Package weight	~79.3 kg
Operating environment	**Temperature**: 10 to 32.5°C **Humidity**: 30 to 70% RH
Storage conditions	**Temperature**: -20 to 40°C
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**: 816 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]: 0.849 kWh/week (Energy Star 3.0); 0.810 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; HP Auto-Off Technology; Instant-on Technology; Instant-on Copy; Power save
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; EPEAT® Gold registered; KOECO **Blue 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
Country of origin	Made in Japan
What's in the box[1]	76H08A HP Color LaserJet Multifunction Printer; HP Black Managed Original LaserJet Toner Cartridge (~9,000 yield), HP Cyan, Magenta and Yellow Managed Original LaserJet Toner Cartridges (~5,000 yield each) (toner cartridges installed); HP Black, Cyan, Magenta and Yellow Managed Original LaserJet Imaging Drums (~150,000 pages); Documentation (Hardware Install Guide); Power cord; Tray Lock Kit (Paper-size cassette locks, paper tray interface screws, P-cartridge door access control screws)
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to https://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] 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. [5] Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature. [6] 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. [7] 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. [9] Contact your HP or your Partner Representative to learn more about Custom Color Manager.

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) value 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 (included in the box) 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.