HP Color LaserJet Enterprise MFP X677dn 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.

- 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.[8]
- Targeted fusing technology[2] requires less energy and helps to reduce cooling requirements allowing for larger, faster color print jobs.

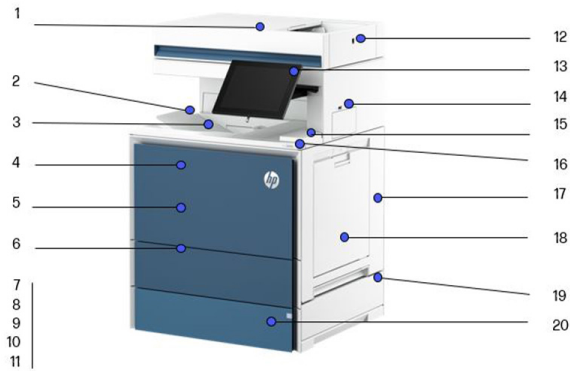## Everything you expect from an office printer

- Experience fast scanning speeds and ultimate productivity with up to 152 ipm[3] duplex scan technology.
- Get everything done with fast print speeds up to 61 PPM.[4]

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. 150-sheet dual side ADF supports media sizes up to A4
2. 500-sheet output bin supports media sizes up to A4
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. Slot for cable-type security lock
8. Super Speed USB 3.0 Host Port
9. Hi-Speed USB 2.0 Host Port
10. Gigabit Ethernet Port
11. Super Speed 3.0 device port
12. Long originals media sensor
13. 20.3 cm color touchscreen display
14. Easy-access USB port
15. Hardware Integration Pocket
16. Power button
17. Right door access to the print path
18. 100-sheet multipurpose tray 1 supports media sizes up to A4
19. Tray 2 jam access door
20. 550-sheet tray 2 supports media sizes up to A4

Series at a glance

Model	HP Color LaserJet Enterprise MFP X677dn Printer
Product number	6QQ01A
Functions	Print, copy, and scan (fax and wireless optional) (all models)
Print speed	52 ppm (A4), 61 ppm (A4) with optional speed license
Control panel	20.3 cm color touchscreen display
Scan speed	80/160 ipm (simplex/duplex)
RMPV	Up to 30,000 pages per month
Input capacity	650/3,300 (std/max)
Output capacity (standard)	550-sheets
Processor	Quad-core 1.6 GHz
Flow solutions	No
Workpath enabled	Yes
Extensibility	HP FutureSmart 5, OXPd

Accessories, Supplies and Support

Supplies	**527F9A** HP LaserJet Toner Collection Unit **527G5MC** HP LaserJet 220V Fuser Assembly **527H0MC** HP LaserJet Image Transfer Belt Kit **527H1MC** HP LaserJet Managed Transfer Roller Kit **6H122A** HP LaserJet ADF Maintenance Kit **6M1P3A** HP LaserJet ADF Maintenance Kit **W9270MC** HP W9270MC Black Managed Original LaserJet Toner Cartridge **W9271MC** HP W9271MC Cyan Managed Original LaserJet Toner Cartridge **W9272MC** HP W9272MC Yellow Managed Original LaserJet Toner Cartridge **W9273MC** HP W9273MC Magenta Managed Original LaserJet Toner Cartridge **W9280MC** HP W9280MC Black Managed Original LaserJet Imaging Drum **W9281MC** HP W9281MC Cyan Managed Original LaserJet Imaging Drum **W9282MC** HP W9282MC Yellow Managed Original LaserJet Imaging Drum **W9283MC** HP W9283MC Magenta Managed Original LaserJet Imaging Drum
Accessories	**1M0Q0A** HP MFP Analog Fax 702 Accessory **1M0Q1A** HP MFP Analog Fax 703 Accessory **1M0Q2A** HP LaserJet Workflow Keyboard **1M0Q3A** HP JetDirect 3200w BLE/Wireless Accy **1M0Q4A** HP LaserJet Secure Solid State Drive **2NR12A** HP Removable Hard Drive Enclosure **2TD64A** HP Accessibility Kit **35H11A** HP HID Mobile Access Mifare DES Fire Keystroking Reader **3JN69A** HP Jetdirect 3100w BLE/NFC/Wireless Accessory **478C2A** HP Printing Voice Assistant **49K94AAE** HP Color LaserJet Enterprise MFP X677 55 to 65ppm License **4QL32A** HP Legic Secure USB Reader **4XN67A** Internal USB Expansion Kit **616G9A** HP LaserJet A5 HCI Guide Kit **616H0A** HP LaserJet Statement HCI Guide Kit **616H2A** HP LaserJet Workflow UK Keyboard **616H3A** HP LaserJet Workflow Healthcare Keyboard **616H4A** HP LaserJet Workflow Healthcare UK Keyboard **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 **6QN54A** HP Color LaserJet Stand **6QN55A** HP Color LaserJet Storage Stand **6QN57A** HP Color LaserJet 550-sheet Media Tray **6QN58A** HP Color LaserJet 2100 HCI Feeder and Stand **8FP31A** HP Jetdirect LAN Accessory **9EQ11A** HP 500GB CCC, FIPS Hard Disk Drive **A7W13A** HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland
Service and Support	**U45TKE** HP 3 year Next Business Day Service with Defective Media Retention for Color LaserJet Ent MFP X677xx **U45TLE** HP 4 year Next Business Day Service with Media Retention for Color LaserJet Ent MFP X677xx **U45TME** HP 5 year Next Business Day Service with Media Retention for Color LaserJet Ent MFP X677xx **U45TXE** HP 3 year Parts Only Service with Defective Media Retention for Color LaserJetEntMFPX677xx **U45TYE** HP 4 year Parts Only Service with Defective Media Retention for Color LaserJetEntMFPX677xx **U45TZE** HP 5 year Parts Only Service with Defective Media Retention for Color LaserJetEntMFPX677xx **U45U0PE** HP 1 year Post Warranty Next Business Day Service with Defective Media Retention for Color LaserJet Ent MFP X677xx **U45U6PE** HP 1 year Post Warranty Parts Only Service with Defective Media Retention for Color LaserJetEntMFPX677xx

Technical specifications

Model	HP Color LaserJet Enterprise MFP X677dn Printer
Product number	6QQ01A
Functions	Print, copy, scan, fax (optional)
Control panel	8.0 in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display
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 6.2 sec; As fast as 5.5 sec (with 49K94AAE) **Colour (A4, ready)**: As fast as 6.8 sec; As fast as 5.9 sec (with 49K94AAE) ; **Black (A4, sleep)**: As fast as 9.4 sec; As fast as 8.9 sec (with 49K94AAE) **Colour (A4, sleep)**: As fast as 9.9 sec; As fast as 9.6 sec (with 49K94AAE)
Print resolution	**Black (best)**: Up to 1200 x 1200 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, 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 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 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)
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	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes); **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; PDFA; TIFF; Hi-Compression PDF; MTIFF; XPS; JPEG
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 2.1; **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; Onscreen editing with highlighting, redaction and signature capabilities
Scannable area	**Maximum media size (flatbed)**: 216 x 356 mm ;**Minimum media size (ADF)**: 68 x 148 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 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host); 1 Hi-Speed USB 2.0 (host); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2)
Optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
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, FTP Print, 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, 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 (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
Memory	**Standard**: 6 GB ;**Maximum**: 6 GB
Media handling	
Number of paper trays	**Standard**: 2 ;**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: 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 **Maximum:** Up to 3300 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 tray: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 2,100-sheet high capacity input: 60-220 g/m² (plain)
Input capacity	**Standard input**: 550-sheet input tray, 100-sheet multi-purpose tray **Standard output**: 500-sheet output tray **Optional input**: optional 550-sheet input trays (up to 3), optional 2,100-sheet high capacity input
Output capacity	**Standard:** Up to 500 Sheets **Maximum:** Up to 500 Sheets

Technical specifications

Model	HP Color LaserJet Enterprise MFP X677dn Printer
Product number	6QQ01A
Compatible operating systems	Windows 11; Windows 7; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catalina; Linux
Compatible network operating systems	SAP; Novell; UNIX; Citrix; Linux; 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); HP Smart Device Services (SDS)
Dimensions and weight	
Printer dimensions (W x D x H)[12]	**Minimum** 500 x 460 x 771 mm; **Maximum**: 860 x 820 x1016 mm
Package dimensions (W x D x H)	598 x 758 x 905 mm
Printer weight	~50.35 kg
Package weight	~74.6 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**: 55 dB(A)
Power	**Requirements**: Input voltage: 100V to 127V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 12 A; Input voltage: 220V to 240V nominal (+/-10%), 50 - 60 Hz nominal (+/-), 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; 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; Blue Angel; IT ECO Declaration; 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	15% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
Country of origin	Made in Czech Republic
What's in the box[1]	6QQ01A HP Color LaserJet Enterprise MFP X677dn Printer; HP Black Original LaserJet Toner Cartridge (~9,000 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~5,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord; Tray Lock Kit (Paper-size cassette locks, paper tray interface screws, P-cartridge door access control screws)
Warranty	Value is confirmed 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] 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] 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%20Report%20-%20HP%20Intrusion%20Detection.pdf. [8] 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) 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.