

HP Color LaserJet Managed Flow MFP E67660z



The pinnacle of performance and security

This HP Color LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them – all while protecting your network with the industry's deepest security.¹



Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at: <http://www.hp.com/go/learnaboutsupplies>



Quality laser printing



Low energy

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.
- Centralise control of your printing environment with HP Web Jetadmin – and help build business efficiency.²
- Give workgroups what they need to succeed. Easily choose and deploy over 180 HP and third-party solutions.

High speed performance meets energy efficiency

- Scanning is now faster than ever – duplex scan speeds up to 167 ipm. Scan to SharePoint and more.³
- This MFP wakes up fast and prints your first page fast.⁴
- This MFP uses exceptionally low amounts of energy thanks to its innovative design and toner technology.
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to A4 .

Pages, performance, and protection

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.⁵
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages – every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimised.
- Load up to 150 pages into the automatic document feeder for fast, unattended scanning.

Product walkaround

HP Color LaserJet Managed Flow MFP E67660z shown

1. Hardware Integration Pocket
2. Easy-access USB port
3. HP High-Performance Secure Hard Disk
4. 1,000 sheet 3-bin stapler/stacker with job offset
5. Cartridge door release button
6. Front door (access to toner cartridges)
7. Built-in automatic two-sided printing
8. 550 sheet tray 2 supports media sizes up to 216 x 356 mm
9. 150 sheet ADF with single-pass, two-sided scanning and HP EveryPage
10. 20.3 cm icon-based colour touchscreen
11. Pull-out keyboard
12. Stapler/stacker right door
13. Right door (access to print path)
14. 100 sheet multipurpose tray 1 supports media sizes up to 216 x 356 mm
15. Slot for cable-type security lock
16. Built-in Gigabit Ethernet port
17. Hi-Speed USB 2.0 printing port
18. USB port for connecting external USB devices



Accessories, Supplies and Support

Supplies	W9030MC HP Black Managed LaserJet Toner Cartridge (32,200 pages) W9031MC HP Cyan Managed LaserJet Toner Cartridge (28,000 pages) W9032MC HP Yellow Managed LaserJet Toner Cartridge (28,000 pages) W9033MC HP Magenta Managed LaserJet Toner Cartridge (28,000 pages)
Accessories	2EH31A HP MFP Analog Fax Accessory 700 E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM P1B11A HP Color LaserJet 3x550-sheet Feeder and Stand P1B10A HP Color LaserJet 550 Sheet Paper Tray with Stand P1B09A HP Color LaserJet 550-sheet Media Tray J8J96A HP Staple Cartridge Refill J8031A HP Jetdirect 2900nw Print Server J8030A HP Jetdirect 3000w NFC/Wireless Accessory E5K48A HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM 2MU47A HP Accessibility Assistant B5L31A HP Foreign Interface Harness B5L29A HP High-Performance Secure Hard Disk B5L28A HP Internal USB Ports A7W14A HP LaserJet Swedish Overlay Keyboard 3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory 2TD64A HP Accessibility Kit 2NR12A HP Removable Hard Drive Enclosure P1B12A HP Color LaserJet 1 x 550/2000-sheet HCI Feeder and Stand
Service and Support	U9NY1E HP 3 years Next Business Day with Defective Media Retention for Color LaserJet E67660 Service U9NY2E HP 4 years Next Business Day with Defective Media Retention for Color LaserJet E67660 Service U9NY3E HP 5 years Next Business Day with Defective Media Retention for Color LaserJet E67660 Service U9NZ0PE HP 1 year Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E67660 Service U9NZ1PE HP 2 years Post Warranty Next Business Day with Defective Media Retention for Color LaserJet E67660 Service

Technical specifications

Model	HP Color LaserJet Managed Flow MFP E67660z
Product number	3GV32A
Functions	Print, copy, scan and optional fax
Control panel	20.3 cm (8.0 in) Colour Graphics Display (CGD) with touchscreen; Rotating (adjustable angle) display; Illuminated Home button (for quick return to the Home menu); Extended keyboard
Print	
Print technology	Laser
Print speed ¹	Black (A4, normal) Up to 56 ppm; Colour (A4, normal) : Up to 56 ppm; Black (A4, duplex) : Up to 56 ipm; Colour (A4, duplex) : Up to 56 ipm;
First page out ²	Black (A4, ready) : As fast as 5.8 sec; Colour (A4, ready) : As fast as 5.8 sec; Black (A4, sleep) : As fast as 12.6 sec; Colour (A4, sleep) : As fast as 12.6 sec;
Print resolution	Black (best) : Up to 1200 x 1200 dpi; Colour (best) : Up to 1200 x 1200 dpi; Technology : 600 x 600 dpi, HP ImageRet 3600, HP ProRes 1200 (1200 x 1200 dpi), Pantone® Calibrated;
Monthly duty cycle ³	Up to 180,000 pages A4; Recommended monthly page volume ⁴ : 4,000 to 30,000
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB, HP EasyColour
Standard print languages	HP PCL 6, 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 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 : 212 x 352 mm
Duplex printing	Automatic (standard)
Copy	
Copy speed ⁵	Black (A4) : Up to 56 cpm; Colour (A4) : Up to 56 cpm
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 ⁶	Normal (A4) : Up to 83 ppm/167 ipm (black and white), up to 83 ppm/167 ipm (colour); Duplex (A4) : Up to 167 ipm (black and white), up to 167 ipm (colour)
Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
Scanner specifications	Scanner type Flatbed, ADF; Scan technology : Charge Coupled Device (CCD); Contact Image Sensor (CIS); Scan input modes : Front panel applications: Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications; HP Scan or user application via TWAIN; Twain version : Version 2.1; Duplex ADF scanning : Yes, single pass duplex scanning; Scan size maximum (flatbed, ADF) : 216 x 356 mm; Optical scan resolution : Up to 600 dpi
Scanner advanced features	Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; 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
Recommended monthly scan volume	27,000 to 45,000
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 E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR; Optional: Authentication; Digital fax (send to LAN, Internet); HP Digital Sending Software (Optional); Local Address Book; OCR; Send-to-folder; Send-to-printer; Send-to-workflow
Fax	
Fax	No,
Processor speed	1.2 GHz
Connectivity	
Standard	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket
Optional	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A; HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Wireless	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A
Mobile printing capability ⁷	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for easy 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™, 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 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
Memory	Standard : 1.5 GB (Printer); 1 GB (Scanner); Maximum : 3 GB MAX memory, when Accessory DIMM is installed
Media handling	
Number of paper trays	Standard : 2; Maximum : 5
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), colour transparency, labels, envelope, preprinted, prepunched, coloured, rough, opaque film, user-defined
Media size	Custom (metric) : Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 101.6 x 148 to 216 x 356 mm; Optional 550 sheet trays: 101.6 x 148 to 216 x 356 mm; Optional 2,000 sheet tray: custom sizes not supported Supported (metric) : Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, postcard (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, DPostcard (JIS); Optional 550 sheet trays: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, DPostcard (JIS); Optional 2,000 sheet tray: A4 ADF : Oficio; Executive; Statement; 16K; A4; RA4; A5; A6; B5; B6 (JIS); Postcard (JIS); DPostcard (JIS); 68 x 147 mm to 215.9 x 863.6 mm

Model	HP Color LaserJet Managed Flow MFP E67660z
Product number	3GY32A
Media handling	Standard input: 100 sheet multi-purpose tray, 550 sheet input tray 2, 150 sheet automatic document feeder Standard output: 500 sheet output tray, 500 sheet output stapler stacker, two-sided printing Optional input: Optional 550 sheet paper feeder, optional 550 paper feeder and stand with cabinet, optional 3 x 550 sheet paper feeder and stand, optional high-capacity paper feeder and stand with 550 sheet feeder and 2,000 sheet feeder ADF: Standard, 150 sheets
Media weight	Tray 1: 60-220 g/m ² (plain), 120 to 220 g/m ² (glossy); Tray 2: 60 to 163 g/m ² (plain), 120 to 220 g/m ² (glossy)
Input capacity	Tray 1: Paper: 100; Transparencies: 50; Envelopes: 10 Tray 2: Plain media (75 g/m ²) sheets: 550 (55 mm stack height); Glossy media sheets (120 g/m ²): 250 (30 mm stack height) Maximum: Up to 3,200 sheets ADF: Standard, 150 sheets
Output capacity	Standard: Up to 1,000 sheets Envelopes: Up to 85 envelopes Transparencies: Up to 200 sheets Maximum: Up to 1,000 sheets
Compatible operating systems	Windows Client OS (32/64-bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For more information on the supported operating systems go to http://www.support.hp.com , enter your product name and search, click on User Guides and enter your product name and search for User Guide, search for your (Product Name) - User Guide, search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, for more information on the supported operating systems see http://www.hp.com/go/upd
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://www.citrixready.citrix.com , Linux for more information see http://www.developers.hp.com/hp-linux-imaging-and-printing , Unix for more information see http://www.hp.com/go/unixmodelscripts , UPD PCL6/PS Printer Drivers, Supported for Compatible Network Operating systems please see http://www.hp.com/go/upd
Minimum system requirements	Windows: 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see http://www.microsoft.com Mac: 2 GB available hard disk space, Internet connection or USB port, OS hardware requirements see http://www.apple.com
Software included	No software solutions are included in the Box, only on http://www.hp.com , http://www.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; Intrusion Detection with Red Balloon Security Technology - Constant 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 HP JetAdvantage Security Manager; Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
Printer management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Dimensions and weight	
Printer dimensions (W x D x H)	Minimum: 510 x 555 x 820 mm; Maximum: 963 x 770 x 1072 mm;
Package dimensions (W x D x H)	856 x 760 x 1100 mm
Printer weight ⁸	51.17 kg
Package weight	68.8 kg
Operating environment	Temperature: 10 to 32.5°C Humidity: 30 to 70% RH
Storage conditions	Temperature: -20 to 40°C
Acoustics ⁹	Acoustic power emissions: 6.8 B(A) Acoustic pressure emissions: 54 dB(A)
Power ¹⁰	Requirements: Input voltage: 220V to 240V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3Hz), 6 A; Consumption: 900 watts (Printing/Copying), 47 watts (Ready), 0.9 watts (Sleep), 0.9 watts (Auto Off/Manual On), 0.1 (Manual Off); Typical Electricity Consumption (TEC) ¹¹ : Energy Star: 2.72 kWh/Week; Blue Angel: 2.68 kWh/Week; Power supply type: Built-in 115V or 220V Power Supply;
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Certifications ¹²	CISPR 22:2008 (International) - Class A, CISPR32:2012 (International) - Class A, EN 55032:2012 (EU) - Class A, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010, EMC Directive 2014/30/EU, Issue 6 Class A, other EMC approvals as required by individual countries. ENERGY STAR® qualified; EPEAT® Silver; CEC Blue Angel compliant Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies
Country of origin	Made in the Netherlands
What's in the box ¹³	HP Color LaserJet Managed Flow E67660z MFP; HP Black Original LaserJet Toner Cartridge (12,500 pages); HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (10,500 pages each); Documentation (Hardware Install Guide); Power cord; Fixed-size cassette guides
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Footnotes

- ¹ Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims>.
- ² HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>.
- ³ Scan speed measured from ADF at default 300 dpi (black-and-white, greyscale, and colour). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- ⁴ Based on HP Internal Testing.
- ⁵ HP Black Managed LaserJet Toner Cartridge (W9030MC) not included, please purchase separately.

Technical specifications disclaimers

- ¹ 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.
- ² Standard cartridges included; yields 12,500 black and 10,500 color composite (C/M/Y) pages. Average black and average color composite (C/M/Y) declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.
- ³ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- ⁴ HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
- ⁵ First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity.
- ⁶ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- ⁷ To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit <http://www.hp.com/go/roam>.
- ⁸ With print cartridges.
- ⁹ FCC Class A emissions - for use in commercial environments, not residential environments.
- ¹⁰ 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. Power consumption values typically based on measurement of 115V device.
- ¹¹ 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.
- ¹² EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- ¹³ Standard cartridges included; Yields 12,500 black and 10,500 colour composite (C/M/Y) pages. Average black declared yields based on ISO/IEC 19752 and continuous printing. Average colour composite (C/M/Y) declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.



www.blauer-engel.de/uz205



<http://www.hp.com/uk>

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