HP LaserJet Enterprise M608n

The pinnacle of performance and security.

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

HP LaserJet Enterprise M608n

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Low energy

Auto on/off

2-sided printing

Instant-on technology

Tray input

The world's most secure printing[1]

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code – digitally signed by HP.
- Run-time intrusion detection continually monitors activity to detect and stop attacks, then automatically reboots.
- Centralise control of your printing environment with HP Web Jetadmin – and help build business efficiency.[2]

High-speed performance meets energy efficiency

- This printer wakes up fast and prints your first page faster—in as quickly as 7.8 seconds.[4]
- This printer uses exceptionally low amounts of energy thanks to its innovative design and toner technology.[4]
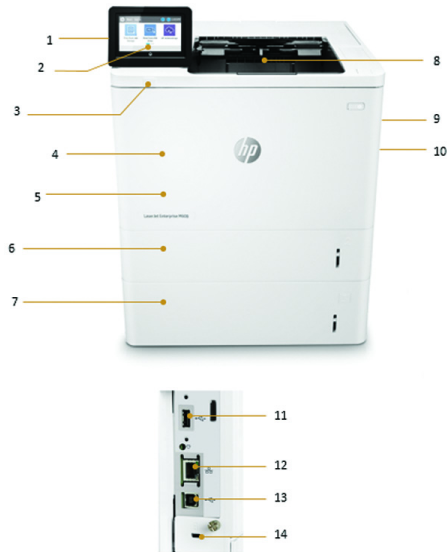
More. Pages, Performance, and Protection.[5]

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors.[5]
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.[6]

Product walkaround

HP LaserJet Enterprise M608x shown

1. Hardware Integration Pocket
2. 10.9 cm colour touchscreen control panel
3. Easy-access USB port
4. 100-sheet multipurpose tray 1
5. Front door access to toner cartridges
6. 550-sheet input tray 2
7. 550-sheet input tray 3
8. 500-sheet output bin
9. Automatic two-sided printing
10. Wi-Fi Direct®/Bluetooth® Low Energy
11. Host USB port
12. Gigabit Ethernet network port
13. Hi-Speed USB 2.0 printing port
14. Slot for cable-type security lock

Accessories, Supplies and Support

Supplies	**CF237A** HP 37A Black Original LaserJet Toner Cartridge (~11,000 pages)
	CF237X HP 37X High Yield Black Original LaserJet Toner Cartridge (~25,000 pages)
	CF237Y HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge (~41,000 pages)
	L0H25A HP LaserJet 220V Maintenance Kit (Up to 225,000 pages for HP LaserJet Enterprise M60X series; Up to 247,000 pages for HP LaserJet Managed E601XX series and HP LaserJet Managed E600XX series.)
Service and Support	**U9NE0E** HP 3 year Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M608 **U9NE1E** HP 4 year Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M608 **U9NE2E** HP 5 year Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M608 **U9NG4PE** HP 1 year Post Warranty Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M608 **U9NG5PE** HP 2 year Post Warranty Net Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M608

Technical specifications

Model	HP LaserJet Enterprise M608n
Product number	K0Q17A
Functions	Print
Control panel	6.86 cm (2.7 in) QVGA LCD (colour graphics), rotating (adjustable angle) display with 24-key pad
Print	
Print technology	Laser
Print speed[1]	**Black (A4, normal):** Up to 61 ppm
First page out[2]	**Black (A4, ready):** As fast as 5.4 sec ; **Black (A4, sleep):** As fast as 7.9 sec
Print resolution	**Black (best):** Up to 1200 x 1200 dpi ; **Technology:** FastRes 1200; 1200 x 1200 dpi
Monthly duty cycle	Up to 275,000 pages A4; **Recommended monthly page volume:** 5,000 to 25,000
Printer smart software features	Print preview, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
Standard print languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), 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;
Duplex printing	Manual (driver support provided)
Processor speed	1.2 GHz
Connectivity	
Standard	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket
Optional	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A
Mobile printing capability[3]	HP ePrint; Apple AirPrint™; Mopria-certified
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, 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); Microsoft Universal Print (MUP) support
Hard disk	Optional, 500 GB (with accessory B5L29A)
Memory	**Standard:** 512 MB ; **Maximum:** 1.5 GB, MAX memory, when 1GB Accessory DIMM is installed
Media handling	
Number of paper trays	**Standard:** 2 ;**Maximum:** Up to 6
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, coloured, rough, heavy rough), monochrome transparency, labels, letterhead, envelope, heavy envelope
Media size	**Custom (metric):** Feeder 1: 76 x 127 to 216 x 356 mm; Feeder 2: 99 x 148 to 216 x 356 mm **Supported (metric):** Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340 mm), 16K, envelopes (C5, B5, C6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5-R, B5 (JIS), 16K
Media handling	**Standard input:** 100-sheet multipurpose feeder, 550-sheet input feeder **Standard output:** 500 sheet output bin **Optional input:** Optional 1 x 550-sheet paper feeder, optional 1 x 550 paper feeder and stand with cabinet, optional 3 x 550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1 x 550 sheet feeder and 1 x 2,000-sheet feeder
Media weight	Feeder 1: 60 to 200 g/m²; Feeder 2: 60 to 120 g/m²
Input capacity	**Maximum:** Up to 4,400 sheets
Output capacity	**Standard:** Up to 500 sheets Envelopes: Up to 75 envelopes Transparencies: 200 **Maximum:** Up to 1,300 sheets
Compatible operating systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.11 El Capitan, OS X 10.10 Yosemite, UNIX, Windows 10 all 32/64-bit editions (excluding RT OS for Tablets), Windows 7 all 32/64-bit editions, Windows 8/8.1 all 32/64-bit editions (excluding RT OS for Tablets), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Compatible network operating systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003 R2, Citrix on Windows Server 2008/2008 R2/2008 R2 SP1, Citrix on Windows Server 2012/2012 R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32/64-bit, Citrix XenApp 6.0/6.5 (for Windows Server 2008 R2 Terminal Services, 32/64-bit), Citrix XenApp 6.0/6.5/7.5 for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32/64-bit, Citrix XenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Novell NetWare 6.5/SP8 Novell Clients http://www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers http://www.novell.com/iprint, Windows Server 2003/2003 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services)
Minimum system requirements	**Windows:** 2 GB available hard disk space; OS hardware requirements see http://www.microsoft.com **Mac:** 1.3 GB available hard drive space; Internet; OS hardware requirements see http://www.Apple.com for more info
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to http://www.123.HP.com or OS App Source for printer software), online user manuals
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; 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 JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum** 431 x 466 x 380 mm; **Maximum:** 431 x 1040 x 453 mm
Printer weight	21.6 kg
Operating environment	**Temperature:** 10 to 32.5°C **Humidity:** 30 to 70% RH
Storage conditions	**Temperature:** -20 to 40°C **Humidity:** 10 to 80% RH
Acoustics	**Acoustic power emissions:** 6.9 B(A) **Acoustic pressure emissions:** 55 dB(A)
Power[4]	**Requirements:** 220V - 240V nominal; +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 6 A; **Consumption:** 780 watts (printing), 15.3 watts (ready), 3.1 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off); **Typical Electricity Consumption (TEC)[5]:** ES: 2.622 kWh/week, BA: 2.425 kWh/week; **Power supply type:** Built in 220V Power Supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Certifications[6]	**Electromagnetic emission standard:** CISPR 22:2008 (International) - Class A, EN 55022:2010 (EU) - Class A, EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, EMC Directive 2004/108/EC; Other EMC approvals as required by individual countries **Blue Angel compliant** No, please refer to the ECI (Ecolabel Comparison Information) document
Sustainable impact specifications	Mercury-free
Country of origin	Made in China (AB0, AB2, ABJ, ACJ, BBU, BGM, ACQ, ABT, ABY, B13, B19, BAZ, BGJ)
What's in the box[7]	K0Q17A HP LaserJet Enterprise M608n Printer; HP Black Original LaserJet Toner Cartridge (11,000 yield); CD with software drivers and documentation; Documentation (hardware install guide); Power cord
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
Engine life	1350000

Footnotes

[1] Based on HP review of 2016 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 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] Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

[4] Based on HP testing using the ENERGY STAR® programme's Typical Electricity Consumption (TEC) method or as reported in energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see http://www.hp.com/go/Ljclaims.

[5] More pages versus predecessor cartridges claim based on page-yield comparison of HP 37X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies.

[6] HP 37X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

[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.

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] Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[3] 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.

[4] 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 115 V device.

[5] 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 115 V device.

[6] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

[7] Cartridges included, yields 11,000 black pages 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

[13] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

[14] Requires HP FutureSmart 5.8.1.1 or later.

[9] Average colour composite (C/M/Y) and black 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.

[10] eMMC is non-volatile storage; Firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data; Secure Erase – Disk

http://www.hp.com/uk