# HP LaserJet Enterprise M608 series



# This HP LaserJet with JetIntelligence combines performance, energy efficiency, 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.



**HP LaserJet Enterprise M608n** 



HP LaserJet Enterprise M608dn



HP LaserJet Enterprise M608x

# The world's most secure printing<sup>1</sup>

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help prevent potential attacks and take immediate action with instant notification of security issues.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>2</sup>
- Give workgroups what they need to succeed. Easily choose and deploy over 180 HP and third-party solutions.

### High-speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This printer wakes up fast and prints your first page faster—in as quickly as 7.8 seconds
- This printer uses exceptionally low amounts of energy thanks to its innovative design and toner technology.<sup>5</sup>
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.

# More. Pages, Performance, and Protection.

- 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.<sup>6</sup>
- 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.<sup>7</sup>

# **Product walkaround**

- 1. Hardware Integration Pocket<sup>3</sup>
- 2. 10.9 cm (4.3-inch) 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®5/Bluetooth® Low Energy8
- 11. Host USB port
- 12. Gigabit Ethernet network port
- 13. Hi-Speed USB 2.0 printing port
- 14. Slot for cable-type security lock



**HP LaserJet Enterprise M608x** 



# Series at a glance







Model	HP LaserJet Enterprise M608n	HP LaserJet Enterprise M608dn	HP LaserJet Enterprise M608x	
Product number	K0Q17A	K0Q18A	K0Q19A	
Print speeds (A4) <sup>2</sup>	Up to 61 ppm	Up to 61 ppm	Up to 61 ppm	
Control panel	6.9 cm (2.7-inch) LCD with keypad	6.9 cm (2.7-inch) LCD with keypad	10.9 cm (4.3-inch) colour touchscreen	
Automatic two-sided printing	Not available	Yes	Yes	
Hardware Integration Pocket³	Not available	Yes	Yes	
100-sheet tray 1, 550-sheet tray 2	Yes	Yes	Yes	
550-sheet paper feeder4	Optional (up to four)	Optional (up to four)	Yes (plus up to three optional)	
2,100-sheet paper feeder⁴	Optional	Optional	Optional	
Envelope feeder	Optional (up to two)	Optional (up to two)	Optional (up to two)	
Printer stand	Optional	Optional	Optional	
5-bin stapler/stacker/mailbox with job offset	Optional	Optional	Optional	
Direct mobile printing	Optional wireless direct <sup>5</sup> /NFC <sup>6</sup>	Optional wireless direct <sup>5</sup> /NFC <sup>6</sup>	Embedded Wi-Fi Direct <sup>5</sup> /Bluetooth Low Energy <sup>8</sup>	
Wireless networking	Optional <sup>7</sup>	Optional <sup>7</sup>	Optional <sup>7</sup>	
HP High-Performance Secure Hard Disk	Optional	Optional	Optional	

# **HP Services**

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

Choose from:

# Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

# Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

# Basic Care (minimum recommended support):

Next Business Day Onsite Support

### 4 hr Onsite Support:

Onsite support within four hours after a service call received within the coverage window

# **Next Business Day Onsite Support:**

Onsite service the next business day after the service call is received

# **Maintenance Kit Replacement Service:**

Onsite replacement of your printer's maintenance kit including parts, materials, and labor

# Installation with Network Configuration Service:

Assembly, network configuration, and basic administrator familiarization For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

















# **Top Features**

Only HP Enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.<sup>1</sup>

With speeds up to 65 pages per minute,<sup>3</sup> fast first page out, and a variety of paper-handling options, you get confidence that your employees can speed through their tasks without interruption.

Get more pages and help protect your printer using Original HP Toner cartridges with JetIntelligence.<sup>6</sup>

**Product** 

KOQ17A HP LaserJet Enterprise M608n KOQ18A HP LaserJet Enterprise M608dn KOQ19A HP LaserJet Enterprise M608x

### Accessories

**B5L28A** HP Internal USB Ports

B5L29A HP High-Performance Secure Hard Disk F5S62A HP Trusted Platform Module Accessory G6W84A HP 1 GB 90-pin DDR3 DIMM IROZOA HP Jetdirect 3000w NFC/Wireless Accessory IRN31A HP Jetdirect 2900nw Print Server LOH17A HP LaserJet 550-sheet Paper Tray LOH18A HP LaserJet 2100 Sheet Paper Tray I 0H19A HP Laser let Printer Stand

LOH20A HP LaserJet Stapler/Stacker/Mailbox LOH21A HP LaserJet Envelope Feeder

# 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)

**LOH24A** HP LaserJet 110V Maintenance Kit (Up to 225,000 pages) **LOH25A** HP LaserJet 220V Maintenance Kit (Up to 225,000 pages)

# **HP Care Packs**

U9NE0E HP 3 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise M608 U9NE1E HP 4 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise M608 U9NE2E HP 5 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise M608 U9NE3E HP 3 year 4 hour 9x5 HW Support w/Defective Media Retention for LaserJet Enterprise M608 U9NE4E HP 4 year 4 hour 9x5 HW Support w/Defective Media Retention for LaserJet Enterprise M608 U9NE5E HP 5 year 4 hour 9x5 HW Support w/Defective Media Retention for LaserJet Enterprise M608 U9NG4PE HP 1 year Post Warranty Next Business Day Hardware Support w/DMR for LaserJet Enterprise M608 U9NG5PE HP 2 year Post Warranty Next Business Day Hardware Support w/DMR for LaserJet Enterprise M608 HP 1 year Post Warranty 4 hour 9x5 Hardware Support w/DMR for LaserJet Enterprise M608 U9NG6PE U9NG7PE HP 2 year Post Warranty 4 hour 9x5 Hardware Support w/DMR for LaserJet Enterprise M608

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

# Paper

Contact HP via phone: Asia: 65 6253 8500

# Solutions

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd

HP Imaging and Printing Security Center: hp.com/go/ipsc

# **HP LaserJet Enterprise M608 series**

Model		P LaserJet Enterprise M608dn	HP LaserJet Enterprise M608x		
Product number		Q18A	K0Q19A		
Functions	Print				
Print					
Duplex print options	Manual (driver support provided) Au	itomatic (standard)			
Print speed <sup>7</sup>	Black (normal, A4): Up to 61 ppm; Black (normal, letter): Up to 65 ppm; Black (Landscape, A5): Up to 100 ppm; Black (Portrait, A5): Up to 6 ppm; Black (Duplex, A4): Up to 50 ppm; Black (Duplex, Letter): Up to ppm				
First page out <sup>9</sup>	Black (A4, ready): As fast as 5.4 sec; Black (A4, sleep): As fast as 7.9 sec				
Print technology	Laser				
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): FastRes 1200; Black (	<b>(fine lines):</b> Up to 1200 x 1200 dpi			
Print resolution technology	FastRes 1200; 1200 x 1200 dpi				
Standard print languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscr	<u> </u>			
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmir	n Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kil	t for HP Universal Print Driver		
Connectivity					
Standard connectivity	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		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 Pocke 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy I/O		
Mobile print capability <sup>6</sup>	HP ePrint; Apple AirPrint™; Mopria-certified		HP ePrint; Wireless direct printing; Apple AirPrint™; Mopria-certified		
Network capability	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).		Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Ts, 100Base-Ts, 202.3az (EEE) suppor on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wirelinetworking (standard).		
Wireless capability	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A No				
Memory	Standard: 512 MB; Maximum: 1.5 GB, MAX memory, when 1GB Accessory DIMM is installed				
Processor speed	1.2 GHz				
Duty cycle (monthly)	Up to 275,000 pages; 5000 to 25000				
Paper handling	-				
Input	100-sheet multipurpose feeder, 550-sheet input feeder; Optional 1x550-sheet paper feeder, optional 1x550 paper feeder and stand with cabine optional 3x550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1x550 sheet feeder and 1x2,000-sheet feeder		100-sheet multipurpose feeder, 550-sheet input feeder, 550 accesso feeder; Optional 1x550-sheet paper feeder, optional 1x550 paper feeder and stand with cabinet, optional 3x550-sheet paper feeder and stand, optional high-capacity paper feeder and stand with 1x550 sheet feeder and 1x2,000-sheet feeder		
Output	500 sheet output bin				
Media type	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed,	pre-punched, colored, rough, heavy rough), mono transparency, labe	ls, letterhead, envelope, heavy envelope		
Media weight	Feeder 1: 60 to 199 g/m²; feeder 2: 60 to 120 g/m²		Feeder 1: 60 to 199 g/m²; feeder 2, 3: 60 to 120 g/m²		
Media sizes custom	feeder 1: 76 x 127 to 216 x 356 mm; feeder 2: 99 x 148 to 216 x 356 mm		feeder 1: 76 x 127 to 216 x 356 mm; feeder 2: 99 x 148 to 216 x 356 mm, feeder 3: 99 x 148 to 216 x 356 mm		
Dimensions (W x D x H)	431 x 466 x 380 mm		431 x 466 x 505 mm		
Weight	21.6 kg				
What's in the box <sup>2</sup>	HP Laser Jet Printer; HP Black Original Laser Jet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord				
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options	vary by product, country and local legal requirements. Go to hp.com/s	support to learn about HP award winning service and support options in		
	your region. (wty code 4G)				
Systems Compatible operating systems	Android, Linux Boss (S.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 Subset (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32- & 64-bit editions, (Windows XP SP3 32-bit editions (XP Home, Pro, etc.)				
Minimum system requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com  Mac: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info				
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 WIA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPA3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Frase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; Intrusion Detection with 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 accessable in Arcsight and Splunk SIEMs				
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 Vi (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				
Control panel	2.7-in (6.86 cm) QVGA LCD (color graphics) rotating (adjustable angle) display	with 24-key pad	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button		
Display	2.7-in (6.86 cm) QVGA LCD (color graphics) rotating (adjustable angle)		4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)		
Power	Power supply type: Built in 115V or 220V Power Supply (Not dual voltage, p 140V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 12 A; 220V - 240V 15.3 watts (ready), 3.1 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1	nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/-3H	Hz (min 47Hz, max 63Hz), 6 A; <b>Power consumption<sup>3</sup>:</b> 780 watts (printin		
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) Printer Driver, HP manuals	Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users	to 123.HP.com or OS App Source for printer software), Online user		
Acoustics	Accoustic Power Emissions: 6.9 B(A); Acoustic Power Emissions (ready): Il printing): 55 dB(A); Acoustic Pressure Emissions Bystander (ready): Inaud		Accoustic Power Emissions: 6.9 B(A), Acoustic Power Emissions (ready): Inaudible; Acoustic Pressure Emissions Bystander (active printing): 54 dB(A); Acoustic Pressure Emissions Bystander (ready Inaudible)		
Environmental ranges	Operating Temperature Range: 15 to 32.5°C; Recommended Operating Temperature: 59 to 90.5°F; Non-operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 30 to 70% RH; Recommended Operating Humidity Range: 10 to 90% RH				
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; Low Voltage Directive 2006/95/EC with CE Mark Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007. Other safety approvals as required by individual countries				
	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, AutolP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telne TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firevall, ACL, 802.1 x				

### **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 http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims
- <sup>2</sup> HP Web, letadmin is available for download at no additional charge at http://www.bp.com/go/webietadmin
- <sup>3</sup> 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.
- Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.
- Sased on HP testing using the ENERGY STAR® program'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
- <sup>6</sup> More pages versus predecessor cartridges claim based on page-yield comparison of HP 37X High Yield Black Original Laser.Jet Toner Cartridges with HP 87X High Yield Black Original Laser.Jet Toner Cartridges with HP 87X High Yield Black Original Laser.Jet Toner Cartridges. For more information, see http://www.hp.com/go/learnaboutsupplies <sup>7</sup> HP 37X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

### **Product Walkaround disclaimers**

- An administrator must enable the easy-access USB port before use
- <sup>2</sup> Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims, Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>3</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. HIP not available on the HP LaserJet Enterprise M607n and M608n.
  <sup>4</sup> All models come standard with the 100-sheet multipurpose tray and 550-sheet tray 2. The HP LaserJet Enterprise M608x and M609x models come with one additional 550-sheet paper feeder standard, and can add up to three additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeder. The M607n, M607n, M608n, M608dn, and M609dn models can add up to four additional optional 550-sheet paper feeders and the optional 2.100-sheet paper feeder.
- 5 Wi-Fi Direct printing is embedded in the HP Laser Jet Enterprise M608x and M609x models. All other models can add wireless direct with the purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see hp.com/go/mobileprinting. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.
- \*\*Touch-to-print capability is optional for all models (except M609x and M609x) with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.
- 7 All models can add wireless networking with the purchase of the optional HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.
- Bluetooth Low Energy is standard only on the HP Laser Jet Enterprise M608x and M609x models, and it cannot be added to other models. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license.

### **Technical specification disclaimers**

- 1 EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
- <sup>2</sup> 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

  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.
- <sup>5</sup> Average color 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.

  6 May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support
- <sup>7</sup> 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.
- \*\*Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

  9 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.

  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
- 11 Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies
- 12 1 GB "Slim DIMM" G6W84A

# To learn more, visit hp.com





