# HP LaserJet Enterprise M608 series



#### 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 HP's deepest security<sup>1</sup>



HP LaserJet Enterprise M608n

2-sided printing



HP LaserJet Enterprise M608dn









#### HP's most secure printing<sup>1</sup>

- With HP Sure Start, each printer regularly checks its operating code and repairs itself
- 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.

#### High-speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents nearly as fast as
- This printer wakes up fast and prints your first page faster in as quickly as 7.9
- This printer uses exceptionally low amounts of energy thanks to its innovative design

## More. Pages, Performance, and Protection.<sup>5</sup>

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than
- 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

### **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





## Series at a glance







Model	HP LaserJet Enterprise M608n	HP LaserJet Enterprise M608dn	HP LaserJet Enterprise M608x
Product number	KOQ17A	K0Q18A	K0Q19A
Print speeds (A4)	Up to 61 ppm		
Control panel	6.9 cm LCD	6.9 cm LCD with keypad 10.9 cm colour touch	
Automatic two-sided printing	Not available	Yes	
Hardware Integration Pocket	Not available	Yes	
100-sheet tray 1, 550-sheet tray 2	Yes		
550-sheet paper feeder	Optional (up to four)  Yes (plus up to three		Yes (plus up to three optional)
2.100-sheet paper feeder	Optional		
Envelope feeder	Optional (up to two)		
Printer stand	Optional		
5-bin stapler/stacker/mailbox with job offset	Optional		
Direct mobile printing	Optional wireless direct/NFC		Embedded Wi-Fi Direct/Bluetooth Low Energy
Wireless networking	Opti	onal	Embedded
HP High-Performance Secure Hard Disk	Optional		

# 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)		
	LOH25A HP LaserJet 220V Maintenance Kit (Up to 225,000 pages)		
ccessories	BSL28A HP Internal USB Ports		
	LOH17A HP LaserJet 550-sheet Paper Tray		
	LOH18A HP LaserJet 2100 Sheet Paper Tray		
	LOH19A HP LaserJet Printer Stand		
	L0H20A HP LaserJet Stapler/Stacker/Mailbox		
	LOH21A HP LaserJet Envelope Feeder		
	LOH22A HP LaserJet Extension Tray Cover		
	BSL29A HP High-Performance Secure Hard Disk		
	J8030A HP Jetdirect 3000w NFC/Wireless Accessory		
	J8031A HP Jetdirect 2900nw Print Server		
Service and Support	U9NEOE 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	HP LaserJet Enterprise M608dn	HP LaserJet Enterprise M608x
Product number	K0Q17A	K0Q18A	K0Q19A
Functions	Print		<u> </u>
Control panel	6.86 cm (2.7 in) QVGA LCD (colour graphics), rotating (adjustable angle) display with 24-key pad		10.92 cm (4.3 in) Colour Graphics Display (CGD) with touchscreen, rotating (adjustable angle) display, home button
Print			
Print technology	Laser		
Print speed <sup>1</sup>	Black (A4, normal) Up to 61 ppm;	Black (A4, normal) Up to 61 ppm; Black (A4, duplex): Up to 50 ppm;	
First page out <sup>2</sup>	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; <b>Recommended monthly page volume</b> : 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	Print preview, duplex printing, 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; Maximum print area:		
Duplex printing	Manual (driver support provided) Automatic (standard)		

Model	HP LaserJet Enterprise M608n	HP LaserJet Enterprise M608dn	HP LaserJet Enterprise M608x
Product number	K0Q17A	K0Q18A	K0Q19A
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		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 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy I/0
Optional	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A		
Wireless	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A		
Mobile printing capability <sup>3</sup>	HP ePrint; Apple AirPrint™; Mopria-certified		HP ePrint; Wireless direct printing; Apple AirPrint™; Mopria-certified
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; F AirPrint™, HP ePrint, FTP Print, Google Cloud Print; I ARP-Ping), IPv6 (Stateless Link-Local and via Router Syslog; Security: SNMPv3, SSL Cert Management, Fi	rint: TCP-IP port 9100 Direct Mode, LPD (raw queue sup )ISCOVERY: SLP, Bonjour, Web Services Discovery; IP CON , Statefull via DHCPv6); Management: SNMPv2/v3, HTTP rewall, ALL, 802.1x	oort only), Web Services Printing, IPP 2.0, Apple FIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, /HTTPs, Telnet, TFTP Config, FTP FW Download,
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		Standard: 3 ; Maximum: Up to 6
Media types	Paper (plain, light, bond, recycled, heavy, extra heav letterhead, envelope, heavy envelope	y, cardstock, pre-printed, pre-punched, coloured, rough,	
Media size	Custom (metric): Feeder 1: 76 × 127 to 216 × 356 mm; Feeder 2: 99 × 148 to 216 × 356 mm; Supported (metric): Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 × 15 cm, Oficio (216 × 340 mm), 16K, envelopes (C5 B5, C6, DL ISO), Postcard (JIS single and double); Feeder 2: A4, A5, A5–R, B5 (JIS), 16K		Custom (metric): 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; Feeder 3: 99 x 148 to 216 x 356 mm; Supported (metric): Feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Officio (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; Feeder 3: 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		Standard input: 100-sheet multipurpose feeder, 550-sheet input feeder, 550 accessory 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
ricula nanating	optional 3 x 550-sheet paper feeder and stand, opt	ional high-capacity paper feeder and stand with 1 x 550	stand, optional high-capacity paper feeder and stand, optional high-capacity paper feeder and stand with 1 x 550 sheet feeder and 1 x 2,000-sheet feeder  Feeder 1: 60 to 199 g/m²: Feeder 2. 3: 60 to 120

Model	HP LaserJet Enterprise M608n	HP LaserJet Enterprise M608dn	HP LaserJet Enterprise M608x		
Product number	K0Q17A	K0Q18A	K0Q19A		
Output capacity	Standard: Up to 500 sheets Envelopes: Up to 75 envelopes Transparencies: 200 Maximum: Up to 1,300 sheets				
Compatible operating systems			5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, .10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.11 dows 7 all 32/64-bit editions, Windows 8/8.1 all rofessional, etc.), Windows XP SP3 32-bit editions (XP		
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 R2/2008 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 R2 SP1 Terminal Services, 32/64-bit, Citrix XenApp 6.0/6.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit, Citrix XenApp 7.6 (5) for Windows Server 2012 and 2012 R2 Terminal Services, 32/64-bit, Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services, 42/64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services), Windows Server 2008 R2 SP1 Terminal Services, 42/64-bit, Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP1 Terminal Services), Windows Server 2				
Minimum system requirements	windows: 2 GB available hard disk space; Us nardware 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); SMMPv3; 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	authentication (EAP-PEAP; EAP-ILS); SNMPV3; H1IF- Encryption; Encrypted PDF & Email (uses FIPS 140 w Erase; SSL/TLS (HTTPS); Encrypted Credentials; Devi integration pocket for security solutions; Intrusion Constant in-device monitoring for attacks; SureStart capability; Whitelisting - loads only known good cod- with HP JetAdvantage Security Manager, Device Secu- Arcsight and Splunk SIEMs	P authentication; 1000 user PIN codes; optional HP and adge readers); Network: IPsec/firewall with Certificate; rrfs WIA-10 IPsec configuration Plug-in; 802.1X S; Certificates; Access Control List; Data: Storage and the storage of		
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy A Universal Print Driver	Agent; HP Web JetAdmin Software; HP WS Pro Proxy A	gent; Printer Administrator Resource Kit for HP		
Dimensions and weight					
Printer dimensions (W x D x H)	<b>Minimum</b> 431 x 466 x 380 mm; <b>Maximum</b> : 431 x 104	10 x 453 mm;	<b>Minimum</b> 431 x 466 x 505 mm; <b>Maximum</b> : 431 x 1100 x 581 mm;		
Package dimensions (W x D x H)	597 x 497 x 539 mm		762 x 593 x 511 mm		
Printer weight	21.6 kg		<u> </u>		
Package weight	27.2 kg		33.80 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		A		
Acoustics	Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 55 dB(A)		Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 54 dB(A)		
	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) <sup>5</sup> : ES: 2.622 kWh/week, BA: 2.425 kWh/week; Power supply type: Built in 220V Power Supply:				
Power <sup>4</sup>	Typical Electricity Consumption (TEC) <sup>5</sup> : ES: 2.622 kWf Power supply type: Built in 220V Power Supply;	r), 3.1 watts (sleep), < 0.1 watts (Auto Off/Manual On), n/week, BA: 2.425 kWh/week;	< 0.1 watts (Manual Off);		
Power <sup>4</sup> Energy savings feature technology	Typical Electricity Consumption (TEC)*: ES: 2.622 kWf- Power supply type: Built in 220V Power Supply; HP Auto-On/Auto-Off Technology; Instant-on Technol		< 0.T watts (Manual Off);		
Energy savings feature	Power supply type: Built in 220V Power Supply;	logy CISPR 22:2008 (International) - Class A, EN 55022:2 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, EN	010 (EU) - Class A, EN 61000-3-2:2006 +A1:2009 IC Directive 2004/108/EC; Other EMC approvals as I (#AAZ, #201 options only)		
Energy savings feature technology	Power supply type: Built in 220V Power Supply;  HP Auto-On/Auto-Off Technology; Instant-on Technol 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 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	CISPR 22:2008 (International) - Class A, EN 55022:2 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, EN required by individual countries ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold	010 (EU) - Class A, EN 61000-3-2:2006 +A1:2009 tC Directive 2004/108/EC; Other EMC approvals as i (#AAZ, #201 options only) nly ensured when using Original HP supplies  HP LaserJet Enterprise M608x Printer; HP Black Original LaserJet Toner Cartridge (11,000 yield); CD with software drivers and documentation; Documentation (hardware install guide); Power cord		

#### **Footnotes**

- 1 Based on HP review of 2016 published security features of HP in-class printers. 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.
- <sup>2</sup> HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin.
- Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.
   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 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. information, see hp.com/go/learnaboutsupplies.
- <sup>6</sup> HP 37X High Yield Black Original Laser Jet Toner Cartridges not included; please purchase separately.
- Measured using ISO/IEC 24734, excludes first set of test documents. 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
- <sup>2</sup> 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.
- <sup>3</sup> May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support
- <sup>4</sup> 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.
- 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
- 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













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