

HP LaserJet Enterprise M609 series



This HP LaserJet with JetIntelligence combines performance, energy efficiency, and security.¹

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 M609dn



HP LaserJet Enterprise M609x

The world's most secure printing¹

- 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.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

- Speed through tasks and save paper. Print two-sided documents nearly as fast as one-sided.
- 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.⁵
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.

More. Pages, Performance, and Protection.⁶

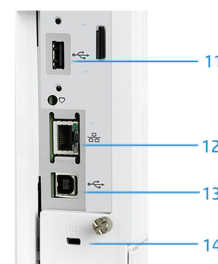
- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors.⁶
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.⁷

Product walkaround

1. Hardware Integration Pocket³
2. 10.9 cm (4.3-inch) colour touchscreen control panel
3. Easy-access USB port¹
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 Direct⁵/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 M609x



Series at a glance



Model	HP LaserJet Enterprise M609dn	HP LaserJet Enterprise M609x
Product number	K0Q21A	K0Q22A
Print speeds (A4)²	Up to 71 ppm	Up to 71 ppm
Control panel	6.9 cm (2.7-inch) LCD with keypad	10.9 cm (4.3-inch) colour touchscreen
Automatic two-sided printing	Yes	Yes
Hardware Integration Pocket³	Yes	Yes
100-sheet tray 1, 550-sheet tray 2	Yes	Yes
550-sheet paper feeder⁴	Optional (up to four)	Yes (plus up to three optional)
2,100-sheet paper feeder⁴	Optional	Optional
Envelope feeder	Optional (up to two)	Optional (up to two)
Printer stand	Optional	Optional
5-bin stapler/stacker/mailbox with job offset	Optional	Optional
Direct mobile printing	Optional wireless direct ⁵ /NFC ⁶	Embedded Wi-Fi Direct ⁵ /Bluetooth Low Energy ⁸
Wireless networking	Optional ⁷	Optional ⁷

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 hour 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.¹

With speeds up to 75 pages per minute,³ 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.⁶

Product

KOQ21A	HP LaserJet Enterprise M609dn
KOQ22A	HP LaserJet Enterprise M609x

Accessories

B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
F5562A	HP Trusted Platform Module Accessory
G6W84A	HP 1 GB 90-pin DDR3 DIMM
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
J8031A	HP Jetdirect 2900nw Print Server
LOH17A	HP LaserJet 550-sheet Paper Tray
LOH18A	HP LaserJet 2100 Sheet Paper Tray
LOH19A	HP LaserJet 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

U9M20E	HP 3 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise M609
U9M21E	HP 4 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise M609
U9M22E	HP 5 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise M609
U9M23E	HP 3 year 4 hour 9x5 HW Support w/Defective Media Retention for LaserJet Enterprise M609
U9M24E	HP 4 year 4 hour 9x5 HW Support w/Defective Media Retention for LaserJet Enterprise M609
U9M25E	HP 5 year 4 hour 9x5 HW Support w/Defective Media Retention for LaserJet Enterprise M609
U9NB4PE	HP 1 year Post Warranty Next Business Day Hardware Support w/DMR for LaserJet Enterprise M609
U9NB5PE	HP 2 year Post Warranty Next Business Day Hardware Support w/DMR for LaserJet Enterprise M609
U9NB6PE	HP 1 year Post Warranty 4 hour 9x5 Hardware Support w/DMR for LaserJet Enterprise M609
U9NB7PE	HP 2 year Post Warranty 4 hour 9x5 Hardware Support w/DMR for LaserJet Enterprise M609

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 M609 series

Model	HP LaserJet Enterprise M609dn	HP LaserJet Enterprise M609x
Product number	K0Q21A	K0Q22A
Functions	Print	
Print		
Duplex print options	Automatic (standard)	
Print speed ⁷	Black (A4, normal): Up to 71 ppm; Black (letter, normal): Up to 75 ppm; Black (A5, landscape): Up to 115 ppm; Black (A5, portrait): Up to 6 ppm; Black (A4, duplex): Up to 58 ppm; Black (letter, duplex): Up to 62 ppm	
First page out ⁹	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	
Print resolution technology	FastRes 1200; 1200 x 1200 dpi	
Print cartridges number	1 (black)	
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™	
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	
Connectivity		
Standard connectivity	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000 network	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/O
Mobile printing capability ⁶	HP ePrint; Apple AirPrint™; Mopria-certified	HP ePrint; Wireless direct printing; Apple AirPrint™; Mopria-certified
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 300,000 pages; 5000 to 30,000	
Paper handling		
Input	100-sheet multipurpose feeder, 550-sheet input 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	100-sheet multipurpose feeder, 550-sheet input feeder, 550 accessory 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, labels, letterhead, envelope, heavy envelope	
Media weight	Feeder 1: 60 to 199 g/m ² ; feeder 2: 60 to 120 g/m ²	Feeder 1: 60 to 199 g/m ² ; feeder 2, 3: 60 to 120 g/m ²
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	
Weight	21.6 kg	
What's in the box²	HP LaserJet Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	
Warranty features	1 Year Limited Warranty (Return to HP/Dealer - Standard Bench Repair)	
Systems		
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 10.10 Yosemite, OS X 10.11 El Capitan, 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 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP 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); 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	
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	
Control panel	Rotating 2.7-in QVGA LCD (color graphics) 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)	
Power	Power supply type: Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier); Power supply required: 100V - 127V nominal @ +/-10% (min 90V, max 140V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz); 12 A; 220V - 240V nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz); 6 A; Power consumption³: 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) number: ES: 3.173 kWh/week; BA: 2.948 kWh/week	
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 123.HP.com or OS App Source for printer software), Online user manuals	
Acoustics	Acoustic power emissions: 7.1 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions bystander (active, printing): 56 dB(A); Acoustic pressure emissions bystander (ready): Inaudible	Acoustic power emissions: 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions bystander (active, printing): 55 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/ULC Listed and ULC 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	
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: SLR, 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	

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>

² HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>

³ 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.

⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

⁵ Based 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>

⁶ 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 <http://www.hp.com/go/learnaboutsups>

⁷ HP 37X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

Product walkaround disclaimers

¹ An administrator must enable the easy-access USB port before use.

² Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

³ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. HIP not available on the HP LaserJet Enterprise M607n and M608n.

⁴ 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, M607dn, 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 LaserJet 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](http://www.hp.com/go/mobileprinting). Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.

⁶ Touch-to-print capability is optional for all models (except M608x 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](http://www.hp.com/go/businessmobileprinting).

⁷ All models can add wireless networking with the purchase of the optional HP Jetdirect 2900w Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

⁸ Bluetooth Low Energy is standard only on the HP LaserJet 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 specifications disclaimers

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

² 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/learnaboutsups>

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 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/learnaboutsups>.

⁶ May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support>

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.

⁸ 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 Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

To learn more, visit [hp.com](http://www.hp.com)

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