Data sheet

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 M609dh

HP LaserJet Enterprise M609dn

HP LaserJet Enterprise M609x

The world's most secure printing[1]
- 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 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]

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

Product walkaround

HP LaserJet Enterprise M609x

1. Hardware Integration Pocket[3]
2. 4.3-inch (10.9 cm) color touchscreen control panel
3. Easy-access USB port[1]
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 Energy[8]
11. Host USB port
12. Gigabit Ethernet network port
13. Hi-Speed USB 2.0 printing port
14. Slot for cable-type security lock

Front view

Close-up of I/O ports

Series at a glance

Model	HP LaserJet Enterprise M609dh	HP LaserJet Enterprise M609dn	HP LaserJet Enterprise M609x
Part number	K0Q20A	K0Q21A	K0Q22A
Print speeds (letter/A4)[2]	Up to 75/71 ppm	Up to 75/71 ppm	Up to 75/71 ppm
Control panel	4.3-inch (10.9 cm) color touchscreen	2.7-inch (6.9 cm) LCD with keypad	4.3-inch (10.9 cm) color touchscreen
Automatic two-sided printing	√	√	√
Hardware Integration Pocket[3]	√	√	√
100-sheet tray 1, 550-sheet tray 2	√	√	√
550-sheet paper feeder[4]	Optional (up to four)	Optional (up to four)	√ (plus up to three optional)
2,100-sheet paper feeder[4]	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[5]/NFC[6]	Optional wireless direct[5]/NFC[6]	Embedded Wi-Fi Direct[5]/Bluetooth Low Energy[8]
Wireless networking	Optional[7]	Optional[7]	Optional[7]
HP High-Performance Secure Hard Disk	√	Optional	Optional

[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. 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 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. 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 [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. [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.

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. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Next Business Day Onsite with Defective Media Retention:
Customers can retain their hard disk drive and keep control of sensitive data.

Next Business Day Exchange:
Ships a permanent replacement unit overnight via premium airfreight, if hardware issue cannot be resolved remotely. Shipping charges are prepaid by HP.

Same Day Onsite – 4 hour 9x5 and 13x5:
Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

For carepack availability visit: hp.com/go/cpc

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]

Accessories
L0H17A – HP LaserJet 550-Sheet Paper feeder
L0H18A – HP LaserJet 2100 sheet Paper feeder
L0H19A – HP LaserJet Printer Stand
L0H20A – HP LaserJet Stapler/Stacker/ Mailbox
L0H21A – HP Envelope Feeder
B5L28A – HP Internal USB Ports
B5L29A – HP Secure High Perf Hard Disk Drive
J8031A – HP Jetdirect 2900nw Print Server
F5S62A – HP Trusted Platform Module Accessory
G6W84A– 1 GB Memory DIMM Kit
L0H22A – HP Extension Tray Cover (Only K0Q20A/K0Q21A)

Supplies
J8J96A – HP Staple Cartridge Refill
L0H24A – HP LaserJet 110v Maintenance Kit
L0H25A – HP LaserJet 220v Maintenance Kit
CF237A – HP 37A Black Original LaserJet Toner Cartridge (11,000 yield)
CF237X – HP 37X High Yield Black Original LaserJet Toner Cartridge
CF237Y – HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge

Services
U9MZ2E – HP 5 year Next Business Day HW Support w/Defective Media Retention
U9MZ5E – HP 5 year 4 hour 9x5 HW Support w/Defective Media Retention
U9MZ8E – HP 5 year 4 hour 13x5 HW Support w/Defective Media Retention
U9NA1E – HP 5 year Next Business Day Call To Repair HW Support w/DMR
U9NA4E – HP 5 year Next Business Day Exchange Service
U9NB5PE - HP 2 year Post Warranty Next Business Day Hardware Support w/DMR
U9NB7PE - HP 2 year Post Warranty 4 hour 9x5 Hardware Support w/DMR
U9NB8PE - HP 1 year Post Warranty 4 hour 13x5 Hardware Support w/DMR
U9NC0PE - HP 2 yr Post Warranty Next Business Day Call To Repair HW Support w/DMR
U9NC1PE - HP 1 year Post Warranty Next Business Day Exchange Service

HP LaserJet Enterprise M609 series

Technical Specifications	HP LaserJet Enterprise M609dh(K0Q20A)	HP LaserJet Enterprise M609dn(K0Q21A)	HP LaserJet Enterprise M609x(K0Q22A)
Print speed	Letter: Up to 75 ppm black; [7]; First Page Out Black: As fast as 5.3 sec; [9]		
Print resolution	Black (fine lines): Up to 1200 x 1200 dpi		
Print Technology	Laser; Print Resolution Technologies: 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 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		
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		
Standard Connectivity	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network	1 Hi-Speed USB Device 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	HP ePrint; Apple AirPrint™; Mopria-certified[6]		HP ePrint; Wireless direct printing; Apple AirPrint™; Mopria-certified[6]
Memory	Standard: 512 MB; Maximum: 1.5 GB, MAX memory, when 1GB Accessory DIMM is installed		
Processor Speed	1.2 GHz / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater); FIPS140 certified	1.2 GHz	
Duty Cycle	Monthly, letter: Up to 300,000 pagesRecommended Monthly Page Volume: 5000 to 30,000		
Paper Handling	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder; Up to 650 sheets standard labels legal; Output Capacities: 500 sheet output bin; Up to 500 sheets standard labels legal; Duplex Options: Automatic (standard); Envelope Feeder: Yes, 75 (optional); Media Types Supported: Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder; Up to 650 sheets standard labels legal; Output Capacities: 500 sheet output bin; Up to 500 sheets standard labels legal; Duplex Options: Automatic (standard); Envelope Feeder: Yes, 75 (optional); Standard Paper Trays: 2; Media Types Supported: 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 Supported: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2: 16 to 32 lb bond (plain); Media Sizes Supported: feeder 1: Letter, legal, statement, executive, Oficio (8.5 x 13 in), envelopes [No. 9, No. 10, Monarch(7 3/4)], 3 x 5, 4 x 6, 5 x 7, 5 x 8; feeder 2: letter, executive, legal; Media Sizes Custom: feeder 1: 3 x 5 to 8.5 x 14 in; feeder 2: 3.90 x 5.83 to 8.5 x 14 in	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 550 accessory feeder; Up to 1200 sheets standard labels legal; Output Capacities: 500 sheet output bin; Up to 500 sheets standard labels legal; Duplex Options: Automatic (standard); Envelope Feeder: Yes, 75 (optional); Standard Paper Trays: 3; Media Types Supported: 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 Supported: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2, 3: 16 to 32 lb bond (plain); Media Sizes Supported: feeder 1: Letter, legal, statement, executive, Oficio (8.5 x 13 in), envelopes [No. 9, No. 10, Monarch(7 3/4)], 3 x 5, 4 x 6, 5 x 7, 5 x 8; feeder 2: letter, executive, legal; feeder 3: letter, executive, legal; Media Sizes Custom: feeder 1: 3 x 5 to 8.5 x 14 in; feeder 2: 3.90 x 5.83 to 8.5 x 14 in. feeder 3: 3.90 x 5.83 to 8.5 x 14 in
Product Dimensions	W x D x H: 17 x 18.3 x 15 in; Maximum: 17 x 43.3 x 22.9 in	W x D x H: 17 x 18.3 x 15 in; Maximum: 17 x 40.9 x 17.8 in	W x D x H: 17 x 18.3 x 19.9 in; Maximum: 17 x 43.3 x 22.9 in
Product Weight	47.7 lbs	47.7 lbs	58 lbs
What's in the box	HP LaserJet Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation;Documentation (Hardware Install Guide); Power cord[2]		
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/support to learn about HP award winning service and support options in your region. (wty code 4G)		
Control Panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button	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 Description	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)	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)
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		
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		
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.)		
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 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 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- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 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 www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers 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	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		
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 Requirements: 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 Consumption: 780 watts (printing), 15.3 watts (ready), 3.1 watts (sleep), <0.1 watts (Auto Off/Manual On), <0.1 watts (Manual Off)[3]		
Acoustics	Acoustic Power Emissions: 7.1 B(A); Acoustic Pressure Emissions: 56 dB(A)		Acoustic Power Emissions: 7.0 B(A); Acoustic Pressure Emissions: 55 dB(A)
Operating Environment	Operating Temperature Range: 15 to 27ºC; Recommended Operating Temperature: 59 to 80.6ºF; Storage Temperature Range: -4 to 104ºF; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 30 to 70% RH; Recommended Humidity Operating Range: 10 to 90% RH		
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 accessable in Arcsight and Splunk SIEMs		

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