Data sheet

HP LaserJet Enterprise M609 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 M609dh



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.
- 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

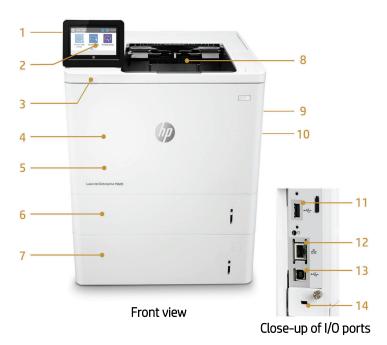
- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors.
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend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

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, wish http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/PrintersChatProtect. For more information: savailable for download at no additional charge at http://www.hp.com/go/PrintersChatProtect. 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, and document complexity. ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, and time in sleep. ⁵ Based on HP testing using the ENERGY STAR® programs'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/Liclaims* More pages versus predecessor cartridges can be applicated to a program of HP 37X High Yield Black Original Laserlet Toner Cartridges on page-yield comparison of HP 37X High Yield Black Original Laserlet Toner Cartridges on the special policy of the program of HP 37X High Yield Black Original Laserlet Toner Cartridges to find the program of HP 37X High Yield Black Original Laserlet Toner Cartridges on the program of HP 37X High Yield Black Original Laserlet Toner Cartridges to find the program of HP 37X High Yield Plack Original Laserlet Toner Cartridges to find the program of HP 37X High Yield Plack Original Laserlet Toner Cartridges to find the program of HP 37X High Yield Plack Original Laserlet Toner Cartridges to find the program of HP 37X High Yield Plack Original Laserlet Toner Cartridges to fi

Product walkaround

- 1. Hardware Integration Pocket³
- 2. 4.3-inch (10.9 cm) color 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 M609dh HP LaserJet Enterprise M609dn



Series at a glance







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Model	HP LaserJet Enterprise M609dh	HP LaserJet Enterprise M609dn	HPLaserJetEnterprise 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	$\sqrt{}$	\checkmark	\checkmark
Hardware Integration Pocket³	$\sqrt{}$	√	\checkmark
100-sheet tray 1, 550-sheet tray 2	$\sqrt{}$	\checkmark	\checkmark
550-sheet paper feeder⁴	Optional (up to four)	Optional (up to four)	√ (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 ⁵ /NFC ⁶	Optional wireless direct ⁵ /NFC ⁶	Embedded Wi-Fi Directs/Bluetooth Low Energys
Wireless networking	Optional ⁷	Optional ⁷	Optional ⁷
HP High-Performance Secure Hard Disk	V	Optional	Optional

¹An administrator must enable the easy-access USB port before use. ²Measured 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. ³Solutions deployed through the Hardware integration Pocket (HIP) may require additional purchase. HIP not available on the HP Laser. Interprise M607n and M608n. ⁴Alt models come standard with the 100-sheet paper feeder standard, and can add up to three additional 550-sheet paper feeders standard, and can add up to three additional 550-sheet paper feeders. ⁴HiP interprise M608n, M60

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.

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

LOH17A - HP LaserJet 550-Sheet Paper feeder LOH18A - HP LaserJet 2100 sheet Paper feeder

LOH19A - HP LaserJet Printer Stand

LOH20A - HP LaserJet Stapler/Stacker/ Mailbox

LOH21A - 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

LOH22A - HP Extension Tray Cover (Only K0Q20A/K0Q21A)

Supplies

J8J96A - HP Staple Cartridge Refill

LOH24A - HP LaserJet 110v Maintenance Kit LOH25A - 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

U9NCOPE - 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

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//printerscurityclaims. State speed varies depending on the system configuration, software application, driver, documents. For more information, fiver, document complexity. ⁴ Measured after 15 min is leep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. Stased 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 Laser/let Toner Cartridges. For more information, see http://www.hp.com/go/learnaboutsupplies ⁷ HP 37X High Yield Black Original Laser/let Toner Cartridges. For more information, see http://www.hp.com/go/learnaboutsupplies ⁷ HP 37X High Yield Black Original Laser/let Toner Cartridges purchase separately. ⁸ An FCC class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

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 (best): 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 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	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 dlsk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater); FIPS140 certified				
Duty Cycle	Monthly, letter: Up to 300,000 pages Recommended Monthly Page Volume: 5000 to 30,000 pages				
Paper Handling	to 650 sheets standard labels legal; Output Capacities: 500 sheet output bin;	to 650 sheets standard labels legal; Output Capacities: 500 sheet output bin;	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:		
Product Dimensions		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	58 lbs		
What's in the box	HP Laser let Printer: HP Black Original Laser let T	L oner Cartridge (~11K vield): CD with software drivers and documentation:Docu			
Warranty Features	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 ² 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. (w)				
Energy Efficiency Compliance	code 4G) ENERGY STAR® qualified				
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 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 (S.D), Linux Debis (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 32-8 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8 64-bit editions (brome Basic, Premium, Professional, etc.), Windows YP SP3 32-bit editions (XP Horne, XP Pro, etc.)				
Compatible Network Operating Systems	[Litrix 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 2008 R2 SP1 (Litrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 R2 reminal 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 6.0/6.5/7.5 (for Windows Server 2008 R2 SP1 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 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenDesktop 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 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenDesktop 7.0/7.5 (for Windows Server 2012 and 2012 R2 Terminal Services). Planta Control (SP2 SP3 Newell Clients www.novelle.com/pirint, Novell Pirint Appliance v1.0, Novell Pirint Appliance v1.0, Novell Pirint Appliance v1.0, Novell Pirint Appliance v1.0, Novell Services, Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 SP1 (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Se				
Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requi	rements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; C	S 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), 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: 55 dB(A) Acoustic Power Emissions: 7.0 B(A); Acoustic Pressure Emissions: 55 dB(A) Acoustic Power Emissions: 7.0 B(A); Acoustic Pressure Emissions: 55 dB(A)				
Operating Environment	Operating Temperature Range: 15 to 27°C; Recommended Operating Temperature: 59 to 80.6°F; Storage Temperature Range: -4 to 104°F; 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 WIA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNNPQ3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 exception) and the storage in the storage				

Learn more at hp.com

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¹ EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.peat.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/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 is sold. Do not convert operating voltages. This will damage 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 inages printed and other factors. For details see hittp://www.hp.com/go/learnaboutsupplies. ⁶ May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support ⁷ Neasured 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/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 – Disb Data; Secure Erase – Disb Data; S