Datasheet

HP LaserJet Enterprise M609dn

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]

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 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]

HP LaserJet Enterprise M609dn Specifications Table

Functions / Multitasking Supported	Print
Print Speed	**Simplex: A4:** Up to 71 ppm; **Letter:** Up to 75 ppm black; **Duplex:** A4: Up to 58 ipm; Letter: Up to 62 ipm black;[7] **First Page Out: A4:**As fast as 5.4 sec black from ready, As fast as 7.9 sec black from sleep; **Letter:** As fast as 5.3 sec black from ready, As fast as 7.8 sec black from slep;1[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
Mobile Printing Capability	HP ePrint; 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
Duty Cycle	**Monthly, A4:** Up to 300,000 pages
Recommended Monthly Page Volume	5000 to 30,000
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: 60 to 199 g/m²; feeder 2: 60 to 120 g/m²
Media Sizes Supported	feeder 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (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
Media Sizes Custom	feeder 1: 76 x 127 to 216 x 356 mm; feeder 2: 99 x 148 to 216 x 356 mm
Paper Handling	100-sheet multipurpose feeder, 550-sheet input feeder; 500 sheet output bin; **Duplex Options**: Automatic (standard); **Envelope Feeder**: Yes, 75 (optional); **Standard Paper Trays**: 2; **Input Capacities**: Up to 650 sheets standard; **Output Capacities**: Up to 500 sheets standard; Up to 75 envelopes; 200 transparencies
What's in the box	**K0Q21A** HP LaserJet Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation;Documentation (Hardware Install Guide); Power cord[2]
Replacement Cartridges	HP 37A Black Original LaserJet Toner Cartridge (11,000 yield) CF237A; HP 37X High Yield Black Original LaserJet Toner Cartridge (25,000 yield) CF237X; HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge (41,000 yield) CF237Y[5]
Product Dimensions	**W x D x H**: 431 x 466 x 380 mm; 17 x 18.3 x 15 in; **Maximum**: 431 x 1040 x 453 mm; 17 x 40.9 x 17.8 in
Product Weight	21.6 kg; 47.7 lbs
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	Rotating 2.7-in QVGA LCD (color graphics) with 24 key pad.
Display Description	2.7-in (6.86 cm) QVGA LCD (color graphics) 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 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)
Operating Environment	**Operating Temperature Range**: 15 to 32.5ºC; **Recommended Operating Temperature**: 59 to 90.5ºF; **Storage Temperature Range**: -20 to 40ºC; **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
Accessories	HP LaserJet 550-Sheet Paper feeder L0H17A, HP LaserJet 2100 sheet Paper feeder L0H18A, HP LaserJet Printer Stand L0H19A, HP LaserJet Stapler/Stacker/ Mailbox L0H20A, HP Envelope Feeder L0H21A, HP Internal USB Ports B5L28A, HP Secure High Perf Hard Disk Drive B5L29A, HP Jetdirect 2900nw Print Server J8031A, HP Trusted Platform Module Accessory F5S62A, 1 GB Memory DIMM Kit G6W84A, HP Extension Tray Cover L0H22A
HP Service and Support Options	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

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