



# HP LaserJet Enterprise M609dn (K0Q21A)



## Overview

**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]

### **The world's most secure printing[1]**

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

### **More. Pages, Performance, and Protection.[6]**

Produce sharp text, bold blacks, and crisp graphics with precision black toner.

### **High-speed performance meets energy efficiency**

Speed through tasks and save paper. Print two-sided documents nearly as fast as one-sided.

## Features



Take the guesswork out of fleet management<sup>[11]</sup>



Eliminate the wait from your workday<sup>[13]</sup>

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*[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>*

*[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>*

## Specifications

<b>Print Resolution Technologies</b>	FastRes 1200; 1200 x 1200 dpi
<b>Print quality black (best)</b>	Up to 1200 x 1200 dpi
<b>Print speed black (ISO, A4)</b>	Up to 71 ppm
<b>Print speed black (ISO, letter)</b>	Up to 75 ppm
<b>Functions</b>	Print
<b>Duplex printing</b>	Automatic (standard)
<b>Duty cycle (monthly, A4)</b>	Up to 300,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 300,000 pages
<b>Printer smart software features</b>	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology
<b>Replacement cartridges</b>	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 <sup>[5]</sup>
<b>Connectivity, standard</b>	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket
<b>Connectivity, optional</b>	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A
<b>Mobile printing capability</b>	HP ePrint; Apple AirPrint™; Mopria-certified
<b>Network protocols, supported</b>	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: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x
<b>Software included</b>	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

<b>Compatible Operating Systems</b>	<p>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- &amp; 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- &amp; 64-bit editions, Windows 8/8.1 all 32- &amp; 64-bit editions (excluding RT OS for Tablets)</p> <p><i>(Full solution software available only for Windows 7 and newer, UPD software available only for Windows 7 and newer, HP Software for Mac and Windows is no longer included on the CD, but can be downloaded from 123.hp.com, Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and Scan drivers only with a reduced feature set, Windows RT OS for Tablets (32- &amp; 64-bit) uses a simplified HP print driver built into the RT OS)</i></p>
<b>Energy star certified</b>	Yes
<b>Ecolabels</b>	ENERGY STAR® qualified
<b>Display area (imperial)</b>	2.125 x 1.59 in
<b>Display area (metric)</b>	54 x 40.5 mm
<b>Display</b>	2.7-in (6.86 cm) QVGA LCD (color graphics) rotating (adjustable angle)
<b>Minimum dimensions (W x D x H)</b>	431 x 466 x 380 mm
<b>Minimum dimensions (W x D x H)</b>	17 x 18.3 x 15 in
<b>Weight</b>	21.6 kg <i>(With print cartridges)</i>
<b>Weight</b>	47.7 lbs <i>(With print cartridges)</i>
<b>Power consumption</b>	<p>780 watts (printing), 15.3 watts (ready), 3.1 watts (sleep), &lt; 0.1 watts (Auto Off/Manual On), &lt; 0.1 watts (Manual Off)<sup>[3]</sup></p> <p><i>(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.)</i></p>
<b>Power supply type</b>	Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier)
<b>What's in the box</b>	HP LaserJet Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord <sup>[2]</sup>
<b>Manufacturer Warranty</b>	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region. (wty code 4G)

## Additional specifications

<b>Accessories</b>	HP LaserJet 550-Sheet Paper feeder LOH17A, HP LaserJet 2100 sheet Paper feeder LOH18A, HP LaserJet Printer Stand LOH19A, HP LaserJet Stapler/Stacker/ Mailbox LOH20A, HP Envelope Feeder LOH21A, 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 LOH22A, HP Accessibility Assistant 2MU47A
<b>Acoustic power emissions (active, printing)</b>	7.1 B(A)
<b>Acoustic power emissions (ready)</b>	Inaudible
<b>Acoustic power note</b>	Acoustic values are subject to change. For current information see <a href="http://www.hp.com/support">http://www.hp.com/support</a> . Noise measured during printing mono simplex A4 at 71ppm.
<b>Acoustic pressure emissions bystander (active, printing)</b>	56 dB(A)
<b>Acoustic pressure emissions bystander (ready)</b>	Inaudible
<b>Automatic paper sensor</b>	No
<b>Best technical electricity consumption (TEC)</b>	3.229 kWh/week <sup>[11]</sup>
<b>Best technical electricity consumption (TEC) footnote</b>	Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
<b>Blue Angel (sleep mode)</b>	3.19 watts
<b>Bottom margin (A4)</b>	4.3 mm
<b>Business filter</b>	cMPS
<b>Cable included</b>	No, please purchase (USB) cable separately
<b>Capacity</b>	Optional 500 GB Hard Disk
<b>Cartons per layer</b>	4
<b>Color or black</b>	Black and white

**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](http://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](http://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)

**Component type**

Printer

**Control panel**

Rotating 2.7-in QVGA LCD (color graphics) with 24 key pad.

**Count of layers in pallet**

4

**Country of origin**

Made in China (AB0, AB2, ABJ, ACJ, BBU, BGM, ACQ, ABT, ABY, B13, B19, BAZ, BGJ, AKV); Made in Japan (AAZ, 201)

**Downloadable software**

HP Easy Start (Guided Software Install for Windows OS and Mac); HP ePrint Software (ePrint Mobile Driver for Windows); HP ePrint Software (for Windows); HP Imaging & Printing Security Center; HP JetAdvantage Security Manager; HP Mobile Printing <http://www8.hp.com/us/en/ads/mobility/overview.html>; HP PCL6 (XPS) print driver only (No installer for "Add Printer" installs); HP PCL6 (XPS) print driver with installer; Product Documentation and Support; HP Proxy Agent Software; HP Universal Print Drivers (PCL6 & PS for Windows); Linux/Unix Print Drivers; Mac Software Solution; Printer Administrator Resource Kit; SAP (PS Print Drivers); Web JetAdmin; Windows driver only solution; Windows Full Software Solution

**Driver updates**

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go to [www.hp.com/support/colorljM609](http://www.hp.com/support/colorljM609); Outside the US, go to <http://www.hp.com/support>. 1. Go to <http://www.hp.com/support>. 2. Select Drivers & Downloads 3. Enter a product name/number. 4. Under Download Options, select Drivers, Software & Firmware 5. Select the operating system version. 6. Then select DOWNLOAD.

**Duty cycle note**

Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

<b>Electromagnetic compatibility</b>	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, FCC CFR 47 Part 15 Class A / ICES-003, Issue 5 Class A, Other EMC approvals as required by individual countries
<b>Engine life</b>	1350000
<b>Envelope Feeder</b>	Yes, 75 (optional)
<b>FCC Class A emissions</b>	FCC Class A emissions - for use in commercial environments, not residential environments
<b>Finished output handling</b>	Sheetfed
<b>First page out black (A4, ready)</b>	As fast as 5.4 sec
<b>First page out black (A4, sleep)</b>	As fast as 7.9 sec
<b>First page out black (letter, ready)</b>	As fast as 5.3 sec
<b>First page out black (letter, sleep)</b>	As fast as 7.8 sec
<b>Fonts and typefaces</b>	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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>
<b>Input capacity</b>	Up to 650 sheets
<b>Internal Storage</b>	Optional, 500 GB (with accessory B5L29A)
<b>Left margin (A4)</b>	4.3 mm
<b>Mac compatible</b>	Yes
<b>Maximum Memory</b>	1.5 GB, MAX memory, when 1GB Accessory DIMM is installed
<b>Maximum dimensions (W x D x H)</b>	431 x 1040 x 453 mm
<b>Maximum dimensions (W x D x H)</b>	17 x 40.9 x 17.8 in
<b>Maximum input capacity (sheets)</b>	Up to 4400 sheets
<b>Maximum metric depth</b>	1040
<b>Maximum metric height</b>	453
<b>Maximum metric width</b>	431
<b>Maximum output capacity (sheets)</b>	Up to 1300 sheets
<b>Media sizes supported</b>	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
<b>Media sizes supported</b>	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
<b>Media sizes, custom</b>	feeder 1: 3 x 5 to 8.5 x 14 in; feeder 2: 3.90 x 5.83 to 8.5 x 14 in

<b>Media sizes, custom</b>	feeder 1: 76 x 127 to 216 x 356 mm; feeder 2: 99 x 148 to 216 x 356 mm
<b>Media types</b>	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope
<b>Media weight (tray 1)</b>	60 to 200 g/m <sup>2</sup>
<b>Media weight, supported</b>	Feeder 1: 60 to 199 g/m <sup>2</sup> ; feeder 2: 60 to 120 g/m <sup>2</sup>
<b>Media weight, supported</b>	Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2: 16 to 32 lb bond (plain)
<b>Memory</b>	512 MB
<b>Memory Slots</b>	1 slot, 90-pin
<b>Memory upgrade</b>	Expandable to 1.5 GB through 1 GB 90-pin DDR3 DIMM
<b>Metric depth</b>	466
<b>Metric height</b>	380
<b>Metric width</b>	431
<b>Minimum System Requirements</b>	2 GB available hard disk space; OS hardware requirements see microsoft.com
<b>Minimum System Requirements for Macintosh</b>	1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
<b>Model number</b>	M609dn
<b>Non-Operating Humidity Range</b>	10 to 80% RH
<b>Number of print cartridges</b>	1 (black)
<b>Number of users</b>	10-30 Users
<b>Operating humidity range</b>	30 to 70% RH
<b>Operating temperature range</b>	15 to 27°C
<b>Operating temperature range</b>	15 to 32.5°C
<b>Orderable product number</b>	KOQ21A#AB0, KOQ21A#AB2, KOQ21A#ABJ, KOQ21A#ACJ, KOQ21A#BBU, KOQ21A#BGM, KOQ21A#ABT, KOQ21A#ABY, KOQ21A#ACQ, KOQ21A#B13, KOQ21A#B19, KOQ21A#BAZ, KOQ21A#AKV, KOQ21A#201, KOQ21A#AAZ, KOQ21A#BGJ
<b>Orderable supplies</b>	HP Staple Cartridge Refill J8J96A, HP LaserJet 110v Maintenance Kit LOH24A, HP LaserJet 220v Maintenance Kit LOH25A
<b>Output capacity</b>	Up to 500 sheets
<b>Package dimensions (W x D x H)</b>	23.50 x 19.57 x 21.22 in
<b>Package dimensions (W x D x H)</b>	597 x 497 x 539 mm
<b>Package weight</b>	27.2 kg
<b>Package weight</b>	60.1 lb
<b>Page yield footnote</b>	Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a>
<b>Pallet dimensions</b>	47.24 x 39.37 x 90.94 in (AP), 47.24 x 39.37 x 91.33 in (EMEA & AMS)



<b>Pallet dimensions (W x D x H)</b>	1200 x 1000 x 2310 mm (AP), 1200 x 1000 x 2320 mm (EMEA & AMS)
<b>Pallet weight</b>	955.89 lb (NA, EMEA, AP)
<b>Pallet weight</b>	433.59 kg (NA, EMEA, AP)
<b>Paper handling input, optional</b>	Optional 1x550-sheet paper feeder, optional high capacity 1x2100-sheet paper feeder, optional envelope feeder
<b>Paper handling input, standard</b>	100-sheet multipurpose feeder, 550-sheet input feeder
<b>Paper handling output, optional</b>	Optional 5 bin stapler stacker
<b>Paper handling output, standard</b>	500 sheet output bin
<b>Paper trays, maximum</b>	Up to 6
<b>Paper trays, standard</b>	2
<b>Post warranty repair &amp; maintenance</b>	<a href="http://www.hp.com/support">http://www.hp.com/support</a>
<b>Power</b>	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. Not dual voltage, power supply varies by part number with # Option code identifier.
<b>Print Technology</b>	Laser
<b>Print colors</b>	No
<b>Print languages</b>	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™
<b>Print quality black (normal)</b>	FastRes 1200
<b>Print resolution black (fine lines)</b>	Up to 1200 x 1200 dpi
<b>Print speed black (Landscape, A5)</b>	Up to 115 ppm
<b>Print speed black (Portrait, A5)</b>	Up to 6 ppm
<b>Print speed duplex (A4)</b>	Up to 58 ppm
<b>Print speed duplex (letter)</b>	Up to 62 ppm
<b>Print speed footnote number (A5)</b>	[8]
<b>Print technology</b>	Laser
<b>Printer Management</b>	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
<b>Printer black pages (MPV black)</b>	5000
<b>Processor speed</b>	1.2 GHz
<b>Product short name specifications</b>	HP LaserJet Enterprise M609dn, Print
<b>Quantity per pallet</b>	16
<b>RMN number</b>	BOISB-1502-00
<b>Recommended media weight (duplex)</b>	60 to 120 g/m <sup>2</sup>

<b>Recommended media weight (duplex)</b>	16 to 32 lb
<b>Recommended monthly page volume</b>	5000 to 30,000
<b>Recommended monthly page volume note</b>	HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
<b>Recommended operating humidity range</b>	10 to 90% RH
<b>Recommended operating temperature range</b>	59 to 80.6°F
<b>Recommended operating temperature range</b>	59 to 90.5°F
<b>Right margin (A4)</b>	4.3 mm
<b>Safety</b>	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/cUL Listed and UC 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
<b>Security management</b>	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 accessible in Arcsight and Splunk SIEMs
<b>Service &amp; support options</b>	Free telephone support for basic setup, installation, and troubleshooting in North America, Europe, and Asia Pacific during warranty; Optional HP Supportpack for 4-hour response during standard business hours; Optional HP Supportpack for 24 hours a day, 7 days a week; Optional HP Supportpack for Comprehensive Technical Support
<b>Service level options</b>	Onsite support within four hours after the service call is received within the coverage window
<b>Service level options</b>	Onsite service the next business day after the service call is received
<b>Service level options</b>	Onsite replacement of your printer's maintenance kit including parts, materials, and labor
<b>Service level options</b>	Assembly, network configuration, and basic administrator familiarization

<b>Service level options, header</b>	4 hour Onsite Support
<b>Service level options, header</b>	Next Business Day Onsite Support
<b>Service level options, header</b>	Installation with Network Configuration Service
<b>Service level options, header</b>	Maintenance Kit Replacement Service
<b>Standard input capacity (envelopes)</b>	Up to 10
<b>Standard media sizes (duplex)</b>	A4; A5; RA4; B5; Oficio; 16k
<b>Standard media sizes (duplex, imperial)</b>	letter; legal; executive; Oficio
<b>Standard output capacity (envelopes)</b>	Up to 75 envelopes
<b>Standard output capacity (transparencies)</b>	200
<b>Storage temperature range</b>	-4 to 104°F
<b>Storage temperature range</b>	-20 to 40°C
<b>Sub-brand name</b>	LaserJet
<b>Target user and print volume</b>	For teams over 25 users; Prints up to 30,000 pages/month
<b>Tariff numbers</b>	8443321010 (AM); 8443321090 (EU); 84433230 (AP)
<b>Technical support information</b>	<a href="http://www.hp.com/support/ljM609">http://www.hp.com/support/ljM609</a>
<b>Top margin (A4)</b>	4.3 mm
<b>Tray capacity</b>	650
<b>Typical electricity consumption (TEC) footnote</b>	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.
<b>Typical electricity consumption (TEC) number</b>	2.948 kWh/Week (Blue Angel); 0.856 kWh/Week (Energy Star 3.0) <sup>[4]</sup>
<b>UNSPSC code</b>	43212105
<b>UPC number</b>	(201) 889894068866; (696) 889894068835; (697) 889894068842; (AB0) 889894068712; (AB2) 889894068729; (ABJ) 889894068736; (ABT) 889894068774; (ABY) 889894068781; (AC4) 190781770121; (AC8) 889894068859; (ACJ) 889894068743; (ACQ) 889894068798; (AKV) 190781090809; (B13) 889894068804; (B19) 889894068811; (BAZ) 889894068828; (BBU) 889894068750; (BGJ) 889894068880; (BGM) 889894068767
<b>Warm-up time</b>	130 Sec
<b>Web address for additional information</b>	Solutions: <a href="http://www.hp.com/go/gsc">http://www.hp.com/go/gsc</a> ; Fonts and IPDS Emulation: <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a> ; HP Web Jetadmin: <a href="http://www.hp.com/go/wja">http://www.hp.com/go/wja</a> ; HP Universal Print Driver: <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a> ; HP JetAdvantage Security Manager: <a href="http://www.hp.com/go/securitymanager">www.hp.com/go/securitymanager</a> ; HP JetAdvantage On Demand Cloud Solutions: <a href="http://www.hp.com/go/JetAdvantageondemand">www.hp.com/go/JetAdvantageondemand</a>

*[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 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/learnaboutsupplies>.*

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

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## Ink/Toner/Paper/Printer Supplies

### HP Laser Toner Cartridges and Kits

★ : Recommended

#### HP Laser Printer Supply Kits

HP LaserJet 110V Maintenance Kit	LOH24A ★
HP LaserJet 220V Maintenance Kit	F2G77A ★
HP LaserJet 220V Maintenance Kit	LOH25A ★

#### HP Black and White Laser Toner Printer Cartridges

HP 37A Black Original LaserJet Toner Cartridge	CF237A
HP 37X High Yield Black Original LaserJet Toner Cartridge	CF237X
HP 37X High Yield Black Original LaserJet Toner Cartridge for US Government	CF237XG
HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge	CF237Y

### HP Business Papers

#### HP Business Papers for laser

HP Enhanced Business Paper, Glossy, 150 g/m2, A4 (210 x 297 mm), 150 sheets	CG965A
HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN08A
HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Glossy 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN10A
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A
HP Professional Business Paper Matte 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN05A

### HP Paper for Multiple Uses

#### HP Recycled Paper

HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN07A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN11A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV81A
HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV82A

### HP Paper Designed for Inkjet Printers

## HP Inkjet Photo Paper

HP Professional Business Paper, Glossy, 48 lb, 8.5 x 11 in. (216 x 279 mm), 50 sheets

6MF93A

## Accessories

### Paper Handling

★ : Recommended

#### Staple Cartridges

HP Staple Cartridge Refill	J8J96A ★
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#### Input Trays

HP LaserJet 2100 Sheet Paper Tray	LOH18A ★
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HP LaserJet 550-sheet Paper Tray	LOH17A ★
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HP LaserJet Extension Tray Cover	LOH22A
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#### Envelope Feeders

HP LaserJet Envelope Feeder	LOH21A ★
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#### Output Trays and Stackers

HP LaserJet Stapler/Stacker/Mailbox	LOH20A ★
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### Memory

#### DDR Memory

HP 1 GB 90-pin DDR3 DIMM	G6W84A ★
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HP 1 GB 90-pin DDR3 DIMM	2NR03A
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### Accessory Bundles

#### Printer Accessibility Accessories

HP Accessibility Assistant	2MU47A ★
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#### Data Security Accessories

HP Removable Hard Drive Enclosure	2NR12A ★
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### Cables/Cable Kits/Cable Adapters

#### Printer Cables

HP Foreign Interface Harness	B5L31A ★
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#### Port Cables and Cable Adapters

HP Internal USB Ports

**B5L28A ★**

## Security and Protection

### Smart Cards and SmartCard Readers

HP HIP2 Keystroke Reader

**Y7C05A ★**

HP USB Universal Card Reader

**X3D03A ★**

HP SmartCard NIPRNet Solution for US Government

**CC543B**

### Security Devices

HP Trusted Platform Module Accessory

**F5S62A ★**

## PC Drives and Storage

### EIO Hard Drives

HP High-Performance Secure Hard Disk

**B5L29A ★**

HP TAA Version Secure Hard Disk Drive

**5EL03A**

## Network Print Servers

### External Print Servers

HP Jetdirect 2900nw Print Server

**J8031A ★**

HP Jetdirect 3000w NFC/Wireless Accessory

**J8030A ★**

HP Jetdirect 3100w BLE/NFC/Wireless Accessory

**3JN69A ★**

### Internal Print Servers

HP Jetdirect LAN Accessory

**8FP31A ★**

## Cabinets and Stands

### Printer Cabinets and Stands

HP LaserJet Printer Stand

**LOH19A ★**



# Solutions

## Imaging and Printing Solutions

★ : Recommended

### Printing SW Solution Licenses

HP HID Mobile Access Mifare DES Fire Keystroking Reader	35H11A ★
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## HP Document and Workflow Solutions

### HP Document and Workflow Solutions Printing Security

Celiveo Enterprise	HP3PCELIVEO
HP Access Control Secure Printing and Job Accounting Solution	HPACSOLUTION
HP Proximity Card Reader	HPPROXIMTYRDR
HP Secure Print and Insights	HPJETADSECUREPRINT
HP Security Manager	HPJETADSECMGR
Kofax SafeCom Security and Job Accounting Solution	HPNSAFECOMSOL

### HP Document and Workflow Solutions Mobile Printing

HP Roam for Business	HPROAM
ePRINTit	HP3PEPRINTIT

### HP Document and Workflow Solutions Print Management

HP Universal Print Driver	HPUNIVPRNTDRV
HP Web Jetadmin	HPWEBJETADMIN
LRS VPSX for Output Management	HP3PLRS

## Services

### HP Care Pack Services

★ : Recommended

#### Imaging and Printing Hardware Support Onsite Svc

HP 1 year Post Warranty 4 hour 9x5 Service for LaserJet Enterprise M609M612	U9NB6PE
HP 1 year Post Warranty Next Business Day Service for LaserJetEnterprise M609 M612	U9NB4PE
HP 3 year 4 hour 9x5 Service for LaserJet Enterprise M609 M612	U9MZ3E
HP 3 year Next Business Day Service for LaserJet Enterprise M609 M612	U9MZ0E
HP 4 year 4 hour 9x5 Service for LaserJet Enterprise M609 M612	U9MZ4E
HP 4 year Next Business Day Service for LaserJet Enterprise M609 M612	U9MZ1E
HP 5 year 4 hour 9x5 Service for LaserJet Enterprise M609 M612	U9MZ5E
HP 5 year Next Business Day Service for LaserJet Enterprise M609 M612	U9MZ2E

#### Imaging and Printing Commercial Care Pack Services

HP 1 year Post Wty Parts Exchange Service for LaserJet Enterprise M609M612	U9NC3PE
HP 3 year Parts Exchange Service for LaserJet Enterprise M609 M612	U9NA8E
HP 4 year Parts Exchange Service for LaserJet Enterprise M609 M612	U9NA9E
HP 5 year Parts Exchange Service for LaserJet Enterprise M609 M612	U9NB0E
HP Installation Service with network configuration for Workgroup Printer(1 unit)	U9JT2E

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