

HP LaserJet Enterprise M612dn



The pinnacle of performance 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.¹

The world's most secure printing¹

- With HP Sure Start, operating code is automatically checked at startup and repairs itself if compromised.
- Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.
- 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 hundreds of 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 and prints your first page fast—in as quickly as 7.8 seconds.⁴
- This printer uses low amounts of energy thanks to its innovative design and toner technology.
- Easily manage print jobs directly at the printer—just tap and swipe the 4.3-inch (10.9 cm) color touchscreen.

Performance and protection you can count on

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- 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.⁵

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

Footnotes

¹ HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: <http://www.hp.com/go/PrintersThatProtect>. For more information, visit: <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 HP 147X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

⁶ 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 cannot be marketed 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.

Technical specifications

Functions	Print
Print technology	Laser
First page out ¹⁰	Black (A4, ready): As fast as 5.1 sec
Print resolution	Black (best): Up to 1200 x 1200 dpi
Monthly duty cycle ¹¹	Up to 300,000 pages A4; Recommended monthly page volume¹²: 5000 to 30,000
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
Standard print languages	HP PCL 6, HP PCL 5, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Print area	Print margins: Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area: 212 x 352 mm
Number of supplies	1 (black)
Duplex printing	Automatic (standard)
Processor speed	1.2 GHz
Connectivity	Standard: 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; Optional: HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
Wireless	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A
Mobile printing capability	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional); Microsoft Universal Print (MUP) support
Memory	Standard: 512 MB
Number of paper trays	Standard: 2
Media types	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 size	Custom (metric): 100-sheet multipurpose Tray 1: 76 x 127 to 216 to 356 mm; 550-sheet input Tray 2: 99 x 148 to 216 x 356 mm; 550-sheet optional feeder: 99 x 148 to 216 x 356 mm; 75-sheet envelope feeder: 90 x 148 to 178 x 254 mm Supported (metric): 100-sheet multipurpose Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS), Envelope: B5, C5, C6, DL; 550-sheet input Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 550-sheet optional feeder: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 2000-sheet optional HCL: A4; 75-sheet optional envelope feeder: B5, C5, C6, DL
Media weight, supported	Tray 1: 60 to 200 g/m²; Automatic Duplexer: 60 to 120 g/m²
Input capacity	Standard: Up to 650 sheets
Output capacity	Standard: Up to 500 sheets Envelopes: Up to 75 envelopes Transparencies: 200
Compatible operating systems	Windows Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Sierra v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Mojave v10.15, Discrete PCL6 Printer Driver-, For more information on the supported operating systems go to http://support.hp.com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to http://support.hp.com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd ;
Minimum system requirements	Windows: 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com; Mac: 2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com;
Software included	No software solutions are included in the Box, only on http://hp.com , http://123.hp.com ;
Printer dimensions (W x D x H)	Minimum: 431 x 466 x 380 mm; Maximum: 431 x 1040 x 453 mm
Package dimensions (W x D x H)	597 x 497 x 539 mm

Printer weight ³	21.6 kg
Package weight	27.3 kg
Operating environment	Temperature: 10 to 32.5°C Humidity: 30 to 70 % RH
Storage conditions	Temperature: -20 to 40°C
Acoustics	Acoustic power emissions: 7.1 B(A) Acoustic pressure emissions: 56 dB(A)
Power ⁴	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. Not dual voltage, power supply varies by part number with # Option code identifier. ; Consumption: 877 watts (printing), 14.98 watts (ready), 4.28 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off) ; Typical Electricity Consumption (TEC): Blue Angel: 3.106 kWh/Week; Energy Star: 0.866 kWh/Week ; Power supply type: Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier)
Certifications	CISPR 22:2008 (International) Class A, CISPR 32:2012 (International) Class A / EN 55032:2012 Class A, CISPR 35:2016 (International) Class A / EN 55035:2017 Class A, EN 55024:2010 +A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, FCC CFR 47 Part 15 Class A, ICES-003, Issue 6 Class A. Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU. Other EMC approvals as required by individual countries. CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified Blue Angel compliant: Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications	Mercury free
Country of origin	China(ABJ, B13, AB0, B19, , BGM, ACJ, ACQ, BBU, AB2); India(460); Japan(AAZ, , 201); Philippines(BGJ, ABJ, AB0, J, Vietnam(B13, B19, ABT, ACQ, BAZ, ABY)
Control panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
What's in the box	7P586A: HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord.
Supplies, After market or Supplies, replacement	LOH25A HP LaserJet 220V Maintenance Kit (Up to 225,000 pages for HP LaserJet Enterprise M60X series Up to 247,000 pages for HP LaserJet Managed E601XX series and HP LaserJet Managed E600XX series.) W1470A HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470X HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages) W1470Y HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages)
Service and Support	U9MZ0E - HP 3y NBD LJ Ent M609 M612 SVC U9MZ1E - HP 4y NBD LJ Ent M609 M612 SVC U9MZ2E - HP 5y NBD LJ Ent M609 M612 SVC U9MZ3E - HP 3y 4h 9x5 LJ Ent M609 M612 SVC U9MZ4E - HP 4y 4h 9x5 LJ Ent M609 M612 SVC U9MZ5E - HP 5y 4h 9x5 LJ Ent M609 M612 SVC U9MZ6E - HP 3y 4h 13x5 LJ Ent M609 M612 SVC U9MZ7E - HP 4y 4h 13x5 LJ Ent M609 M612 SVC U9MZ8E - HP 5y 4h 13x5 LJ Ent M609 M612 SVC U9NA2E - HP 3y Nbd Exch LJ Ent M609 M612 SVC U9NA3E - HP 4y Nbd Exch LJ Ent M609 M612 SVC U9NA4E - HP 5y Nbd Exch LJ Ent M609 M612 SVC U9NA5E - HP 3y Rtd LJ Ent M609 M612 SVC U9NA6E - HP 4y Rtd LJ Ent M609 M612 SVC U9NA7E - HP 5y Rtd LJ Ent M609 M612 SVC U9NA8E - HP 3y ChnlPartsOnly LJ Ent M609 M612 SVC U9NA9E - HP 4y ChnlPartsOnly LJ Ent M609 M612 SVC U9NB0E - HP 5y ChnlPartsOnly LJ Ent M609 M612 SVC U9NB1E - HP 3yNBDw/Max 3MaintKit LJEntM609M612 SVC U9NB2E - HP 4yNBDw/Max 3MaintKit LJEntM609M612 SVC U9NB3E - HP 5yNBDw/Max 3MaintKit LJEntM609M612 SVC U9NB4PE - HP 1y PW NBD LJ Ent M609 M612 SVC U9NB5PE - HP 2y PW NBD LJ Ent M609 M612 SVC U9NB7PE - HP 1y PW 4h 9x5 LJ Ent M609 M612 SVC U9NB7PE - HP 2y PW 4h 9x5 LJ Ent M609 M612 SVC U9NB8PE - HP 1y PW 4h 13x5 LJ Ent M609 M612 SVC U9NC1PE - HP 1y PW Nbd Exch LJ Ent M609 M612 SVC U9NC2PE - HP 1y PW Rtd LJ Ent M609 M612 SVC U9NC3PE - HP 1y PW PartsOnly LJ Ent M609 M612 SVC U9NC4PE - HP 2y PW PartsOnly LJ Ent M609 M612 SVC U9PS9E - HP MKRS LJ M60x M612 MFP Fuser 220 SVC U9PS8E - HP MKRS LJ M60x M612 MFP Fuser 110 SVC U9JT2E - HP Inst SVC /wnw Workgroup Printer
Warranty	One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

¹ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. ² Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. ³ With print cartridges. 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. ⁵ BA TEC is equal to Best TEC. 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 Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device ⁶ Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. ⁷ Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono simplex A4 at 71 ppm. ⁸ 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. ⁹ Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. ¹⁰ 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. ¹¹ 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. ¹² 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. ¹³ 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 cannot be marketed 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. ¹⁴ Requires HP FutureSmart 5.8.1.1 or later.

This product is NOT intended by the manufacturer to be used, or likely to be used, for personal, domestic or household use or consumption

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au-enFebruary 2026

