



HP LaserJet Enterprise M610dn

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



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>

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 single-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.



HP Web Jetadmin



Fast two-sided printing



Optimized performance

Product walkaround

HP LaserJet Enterprise M610dn shown

1. Hardware Integration Pocket¹
2. 10.9 cm (4.3-inch) colour touchscreen control panel
3. Easy-access USB port
4. 100-sheet multipurpose tray 1
5. Front door access to toner cartridges
6. 550-sheet input tray 2
7. 500-sheet output bin
8. Automatic two-sided printing
9. Host USB port
10. Gigabit Ethernet network port
11. Hi-Speed USB 2.0 printing port
12. Slot for cable-type security lock



Accessories, Supplies and Support

Supplies	L0H24A HP LaserJet 110V 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)
	L0H25A 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)
Accessories	3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
	4QL32A HP Legic Secure USB Reader
	8FP31A HP Jetdirect LAN Accessory
	B5L28A HP Internal USB Connectors
	B5L29A HP High-Performance Secure Hard Disk
	G6W84A HP 1 GB 90-pin DDR3 DIMM
	J8031A HP Jetdirect 2900nw Print Server
	L0H17A HP LaserJet 550-sheet Paper Tray
	L0H18A HP LaserJet 2100 Sheet Paper Tray
	L0H19A HP LaserJet Printer Stand
	L0H20A HP LaserJet Stapler/Stacker/Mailbox
	L0H21A HP LaserJet Envelope Feeder
	L0H22A HP LaserJet Extension Tray Cover
	X3D03A HP USB Universal Card Reader
Y7C05A HP HIP2 Keystroke Reader	
Service and Support	U9MU0E HP 3 Year Next Business Day HW Support w/Defective Media Retention
	U9MU1E HP 4 Year Next Business Day HW Support w/Defective Media Retention
	U9MU2E HP 5 Year Next Business Day HW Support w/Defective Media Retention
	U9MU3E HP 3 Year 4 Hour 9x5 HW Support W/Defective Media Retention
	U9MU4E HP 4 Year 4 Hour 9x5 HW Support W/Defective Media Retention
	U9MU5E HP 5 Year 4 Hour 9x5 HW Support W/Defective Media Retention
	U9MV5E HP 3 Year Return for Repair Service
	U9MV6E HP 4 Year Return for Repair Service
	U9MV7E HP 5 Year Return for Repair Service
	U9MV8E HP 3 year Next Business Day Parts Exchange Service
	U9MV9E HP 4 year Next Business Day Parts Exchange Service
U9MW0E HP 5 year Next Business Day Parts Exchange Service	
U9MW4PE HP 1 Year Post Warranty Next Business Day Hardware Support w/DMR	
U9MW5PE HP 2 Year Post Warranty Next Business Day Hardware Support w/DMR	

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

Technical specifications

Model	HP LaserJet Enterprise M610dn
Product number	7PS82A
Functions	Print
Control panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Print	
Print technology	Laser
Print speed⁸	Black (A4, normal): Up to 52 ppm; Black (A4, duplex): Up to 43 ipm
First page out⁹	Black (A4, ready): As fast as 5.1 sec; Black (A4, sleep): As fast as 7.9 sec in mm
Print resolution	Black (best): Up to 1200 x 1200 dpi; Technology: Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi), Economode (600 x 600 dpi)
Monthly duty cycle¹⁰	Up to 250,000 pages A4; Recommended monthly page volume¹¹: 5000 to 20,000
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™
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
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
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
Mobile printing capability⁶	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; ROAM optional for easy printing
Supported network protocols	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
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).
Hard disk	Optional, 500 GB (with accessory B5L29A)
Memory	Standard: 512 MB; Maximum: 1.5 GB, MAX memory, when 1GB Accessory DIMM is installed
Media handling	
Number of paper trays	Standard: 2; Maximum: Up to 6
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 HCT: A4; 75-sheet optional envelope feeder: B5, C5, C6, DL
Media handling	Standard input: 100-sheet multipurpose feeder, 550-sheet input feeder Standard output: 500 sheet output bin Optional input: Optional 1x550-sheet paper feeder, optional high capacity 1x2100-sheet paper feeder, optional envelope feeder
Media weight	Feeder 1: 60 to 200 g/m ² ; feeder 2: 60 to 120 g/m ² ; Automatic Duplexer: 60 to 120 g/m ²
Input capacity	Tray 1: Sheets: 100; transparencies, cardstock (163 g/m ²): 50; Cardstock (200 g/m ²): 30; Envelopes: 10 Tray 2: Sheets: 550; Labels, Transparencies: 100 Tray 3: Sheets: 550; Labels, Transparencies: 100 Maximum: Up to 4400 sheets
Output capacity	Standard: Up to 500 sheets Envelopes: Up to 75 envelopes Transparencies: 200 Maximum: Up to 1300 sheets
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 ;
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com , Linux - For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix - For more information see http://hp.com/go/unixmodelscripts , Linux - For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix - For more information see http://hp.com/go/unixmodelscripts , 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 ;
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); 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 (redentials); 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
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);
Dimensions and weight	
Printer dimensions (W x D x H)	Minimum: 431 x 466 x 380 mm; Maximum: 431 x 1040 x 453 mm
Printer weight²	21.6 kg
Operating environment	Temperature: 10 to 32.5°C Humidity: 30 to 70% RH
Storage conditions	Temperature: -20 to 40°C
Acoustics⁷	Acoustic power emissions: 6.9 B(A) Acoustic pressure emissions: 55 dB(A)
Power³	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: 775 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)⁴: Blue Angel: 2.113 kWh/Week; Energy Star: 0.621 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)
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Certifications¹	Electromagnetic emission standard: 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. ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#AAZ, #201 options only)
Sustainable impact specifications	Mercury-free
Country of origin	Made in Japan (201, AAZ); Made in China (AB0, AB2, ABJ, ACJ, BBU, BGM, ABT, ABY, ACQ, B13, B19, BAZ, AC4, AC8, AKV, BGJ)
What's in the box	7PS82A HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord.
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.

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: 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.
- 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 disclaimers

- ¹ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- ² With print cartridges
- 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. Power consumption values typically based on measurement of 115V device.
- ⁴ 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
- ⁵ 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>.
- ⁶ To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit <http://hp.com/go/roam>
- ⁷ Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Noise measured during printing mono simplex A4 at 53 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/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 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.
- ¹¹ 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.
- ¹² Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
- 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.

