Data sheet

HP LaserJet Enterprise M611dn

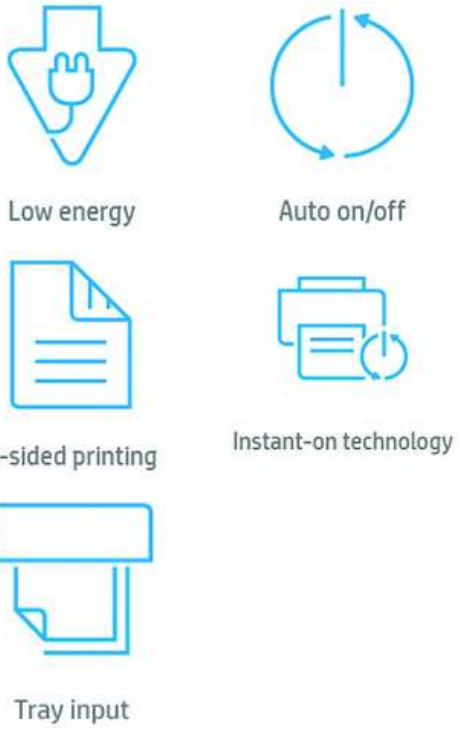
The pinnacle of performance and security

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]





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 printing[1]

- 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.
- Centralise 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 fast and prints your first page faster – in as quickly as 7.9 seconds.[3]
- 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 10.9 cm (4.3 inch) colour 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]

Product walkaround

HP LaserJet Enterprise M611dn shown

1. Hardware Integration Pocket
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. Optional wireless direct/NFC
10. Host USB port
11. Gigabit Ethernet network port
12. Hi-Speed USB 2.0 printing port
13. Slot for cable-type security lock



Accessories, Supplies and Support

Supplies	**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)
	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	**U9NE0E** HP 3 year Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M611 service **U9NE1E** HP 4 year Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M611 service **U9NE2E** HP 5 year Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M611 service **U9NG4PE** HP 1 year Post Warranty Next Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M611 service **U9NG5PE** HP 2 year Post Warranty Net Business Day Hardware Support with Defective Media Retention for LaserJet Enterprise M611 service

Technical specifications

Model	**HP LaserJet Enterprise M611dn**
Product number	7PS84A
Functions	Print
Control panel	10.92 cm (4.3 in) Colour Graphics Display (CGD) with touchscreen; Rotating display (adjustable angle); Home button
Print	
Print technology	Laser
Print speed[1]	**Black (A4, normal)**: Up to 61 ppm ; **Black (A4, duplex)**: Up to 50 ipm
First page out[2]	**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), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)
Monthly duty cycle	Up to 275,000 pages A4; **Recommended monthly page volume**[3]: 5,000 to 25,000
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 capability[4]	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified
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); Microsoft Universal Print (MUP) support
Hard disk	Optional, 500 GB (with accessory B5L29A)
Memory	**Standard**: 512 MB ; **Maximum**: 1.5 GB MAX memory, when 1 GB 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, coloured, rough, heavy rough), monochrome transparency, labels, 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); 2,000 sheet optional HCI: 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	Tray 1: 60 to 200 g/m²; Automatic Duplexer: 60 to 120 g/m²
Input capacity	**Tray 1:** Sheets: 100; Transparencies, cardstock (163 g/m²): 50; Cardstock (200 g/m²): 30; Envelopes: 10 **Tray 2:** Sheets: 550; Labels; Transparencies: 100 **Tray 3:** Sheets: 550; Labels; Transparencies: 100 **Maximum:** Up to 4,400 sheets
Output capacity	**Standard:** Up to 500 sheets Envelopes: Up to 75 envelopes Transparencies: 200 **Maximum:** Up to 1,300 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://www.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://www.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 http://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 and XenDesktop 7.6, Novell iPrint server; Citrix Ready Kit Certification - up to Citrix Server 7.18, for more information see http://www.citrixready.citrix.com; Linux- for more information see http://www.developers.hp.com/hp-linux-imaging-and-printing; Unix- for more information see http://www.hp.com/go/unixmodelscripts; Linux- for more information see http://www.developers.hp.com/hp-linux-imaging-and-printing; Unix- for more information see http://www.hp.com/go/unixmodelscripts; UPD PCL6 / PS Printer Drivers - for more information on the supported operating systems go to http://www.support.hp.com, 1. enter your product name and search, 2. click on User Guides and enter your product name and search for User Guide, 3. search for your (Product Name) - User Guide, 4. search for the Supported Operating Systems section; UPD PCL6 / PS Printer Drivers, Supported Operating systems - for more information on the supported operating systems see http://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 http://www.microsoft.com **Mac**: 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see http://www.apple.com
Software included	No software solutions are included in the box, only on http://www.hp.com, http://www.123.hp.com
Security management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; Pptional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; 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
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 weight[5]	21.6 kg
Operating environment	**Temperature**: 10 to 32.5°C **Humidity**: 30 to 70% RH
Storage conditions	**Temperature**: -20 to 40°C
Acoustics[6]	**Acoustic power emissions**: 6.9 B(A) **Acoustic pressure emissions**: 55 dB(A)
Power[7]	**Requirements**: 220V - 240V nominal; +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 6 A; **Consumption**: 821 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)**[8]: Blue Angel: 2.525 kWh/Week; Energy Star: 0.733 kWh/Week; **Power supply type**: Internal (built-in) 220V Power Supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Certifications[9]	**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. 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) **Blue Angel compliant** Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications	Mercury-free
Country of origin	Made in China
What's in the box[10]	7PS84A HP LaserJet Enterprise M611dn printer; HP Black Original LaserJet Toner Cartridge (10,500 pages yield); Documentation - Hardware Install Guide, Regulatory Flyer; Power cord. 10,500 pages black
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: 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 after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.
[4] HP 147X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.
[5] 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.

Technical specifications disclaimers

[1] 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.
[2] 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.
[3] 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.
[4] 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://www.hp.com/go/roam.
[5] With print cartridges.
[6] Acoustic values are subject to change. For current information see http://www.hp.com/support. Noise measured during printing monochrome simplex A4 at 62 ppm.
[7] 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.
[8] 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.
[9] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
[10] 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.
[13] Requires HP FutureSmart 5.8.1.1 or later.
[11] 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.
[12] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

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