HP LaserJet Enterprise M612 series



This HP LaserJet with JetIntelligence combines performance, energy efficiency, 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.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. http://www.hp.com/go/learnaboutsupplies



HP LaserJet Enterprise M612dn



HP LaserJet Enterprise M612x

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.
- 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.

¹ HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP Futures/mart 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/PrinterSchatProtect. For more information, visit: http://www.hp.com/go/PrinterSchat/protect. For more i

Product walkaround

- 1. Hardware Integration Pocket¹
- 2. 4.3-inch (10.9 cm) color 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. 550-sheet input tray 3
- 8. 500-sheet output bin
- 9. Automatic two-sided printing
- 10. Wi-Fi Direct⁴/Bluetooth Low Energy⁷
- 11. Host USB port
- 12. Gigabit Ethernet network port
- 13. Hi-Speed USB 2.0 printing port
- 14. Slot for cable-type security lock

HP LaserJet Enterprise M612dn HP LaserJet Enterprise M612x



Close-up of I/O ports

Series at a glance





HP LaserJet Enterprise M612dn HP LaserJet Enterprise M612x

Product number	7PS86A	7PS87A
Print speeds (Letter) ²	Up to 75 ppm	Up to 75 ppm
Control panel	4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen
Automatic two-sided printing	√	√
Hardware Integration Pocket ¹	√	√
100-sheet tray 1, 550-sheet tray 2	√	√
550-sheet paper feeder³	Optional (up to four)	√ (plus up to three optional)
2,100-sheet paper feeder³	Optional	Optional
Envelope feeder	Optional (up to two)	Optional (up to two)
Printer stand	Optional	Optional
5-bin stapler/stacker/mailbox with job offset	Optional	Optional
Direct mobile printing	Optional wireless direct ⁴ /NFC ⁵	Embedded Wi-Fi Direct ⁴ /Bluetooth Low Energy ⁷
Wireless networking	Optional ⁶	Optional ⁶
HP High-Performance Secure Hard Disk	Optional	Optional

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. ² Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ All models come standard with the 100-sheet multipurpose tray and 550-sheet paper feeders and the potional 2,100-sheet paper feeders made that the purchase of the optional 2,100-sheet paper feeders and the optional 2,100-sheet paper feeders and the optional 2,100-sheet paper feeders and the potional 2,100-sheet paper feeders and the optional 2,100-sheet paper feeders and the optional 4P. Jetdirect 3000w NFC/Wireless Direct Accessory, Mobile device needs to be connected directly to the signal of a Wi-Fi Direct should be supported MPP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see the p.com/go/punble/printing, Wi-Fi Direct is a registered trademark of Wi-Fi Alliance. ⁵ Touch-to-print capability is optional for all models (except M611x and M612x) with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/pusinessmobileprinting. ⁶ All models can add wireless networking with the purchase of the optional HP Jetdirect 2900w Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. ⁷ Bluetooth Low Energy is standard only on the HP Laser AE Enterprise M611x and M612x models, and it cannot be added to other models. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc













Top features

Only HP Enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.

With speeds up to 75 pages per minute,³ fast first page out, and a variety of paper-handling options, you get confidence that your employees can speed through their tasks without interruption.

Help protect your printer using Original HP Toner cartridges with JetIntelligence.

Accessories

LOH17A HP LaserJet 550-Sheet Paper Feeder

LOH18A HP LaserJet 2100 Sheet Paper Feeder

LOH19A HP LaserJet Printer Stand

LOH20A HP LaserJet Stapler/Stacker/Mailbox

LOH21A HP LaserJet Envelope Feeder

LOH22A HP LaserJet Extension Tray Cover

2MU47A HP Accessibility Assistant

2NR03A HP 1GB 90-Pin DDR3 TAA Version DIMM

2NR12A HP Removable Hard Drive Enclosure

3JN69A HP JetDirect 3100w BLE/NFC/Wireless Accy

5EL03A HP TAA Version Secure Hard Disk Drive

B5L28A HP Internal USB Ports

B5L29A HP Secure High Performance Hard Disk Drive

CC543B HP SmartCard NIPRNet Solution for US Government

F2A86A HP Int USB Ports Bulk M604/605/606 Accy

G6W84A HP 1GB 90-Pin DDR3 DIMM

J8031A HP Jetdirect 2900nw Print Server

X3D03A HP USB Universal Card Reader

Y7C05A HP HIP2 Keystroke Reader

4QL32A HP Legic Reader

Supplies

J8J96A HP Staple Cartridge Refill L0H24A HP LaserJet 110v Maintenance Kit

LOH25A HP LaserJet 220v Maintenance Kit

Solutions

Overview: HP's portfolio of innovative solutions empower people's evolving work styles and improve your business' agility to compete in a digital world. Fuel collaboration, optimize processes and costs, and help meet the needs of a growing mobile workforce that wants everything accessible, mobile, and secure.

Security: HP JetAdvantage Security Manager fleet security compliance and management; HP Access Control; HP JetAdvantage Secure Print; Card readers; Secure Encrypted Print (UPD)

Management: HP WebJetAdmin; HP JetAdvantage Security Manager; HP JetAdvantage Insights Formore information on solutions, go to http://www.hp.com/go/jetadvantage. For a list of 3rd party solutions, go to http://www.hp.com/go/gsc.

Services

U9MZ2E - HP 5y NBD LJ Ent M609 M612 SVC

U9MZ5E - HP 5y 4h 9x5 LJ Ent M609 M612 SVC

U9MZ8E - HP 5y 4h 13x5 LJ Ent M609 M612 SVC

U9NA4E - HP 5y Nbd Exch LJ Ent M609 M612 SVC

U9NA7E - HP 5y RtD LJ Ent M609 M612 SVC

U9NB0E - HP 5y ChnlPartsOnly LJ Ent M609 M612 SVC

 $U9NB3E-HP5yNBDw/Max\ 3MaintKit\ LJEntM609M612\ SVC$

U9NB5PE - HP 2y PW NBD 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

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 w/nw Workgroup Printer

¹ HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP Future/Smart 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/PrinterScurityClaims ² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterScurityClaims ³ Measured using ISO/IEC 24734, excludes first set of fest documents. For more information, see http://www.hp.com/go/PrinterScurityClaims ³ Measured using ISO/IEC 24734, excludes first set of fest documents. For more information, see http://www.hp.com/go/PrinterScurityClaims ³ Measured using ISO/IEC 24734, excludes first set of fest documents. For more information, see http://www.hp.com/go/PrinterScurityClaims ³ Measured using ISO/IEC 24734, excludes first set of fest document complexity. ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, drive, and document complexity. ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, drive, document complexity and time in sleep. ⁵ HP 147X High Yield Black of Original Lasser let Tone Cartridges not included; please purchase separately. ⁶ An ECC Class A device on the marketed for use in a residential environment. An ECC dass A device and communication of the ference to additional commun

HP LaserJet Enterprise M612 series

Technical Specifications	HP LaserJet Enterprise M612dn(7PS86A)	HP LaserJet Enterprise M612x(7PS87A)	
Print speed	A4: Up to 71 ppm black; Letter: Up to 75 ppm black; ⁹ ; A5: U	Jp to 115 ppm ¹⁰ ; First Page Out Black: As fast as 5.1 sec; ¹¹	
Duplex Print speed	A4: Up to 58 ipm black; Letter: Up to 58 ipm black		
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): F	astRes 1200; Black (fine lines): Up to 1200 x 1200 dpi	
Print Technology	Laser; Print Resolution Technologies: Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)		
Print Cartridges Number		lack)	
Standard Print Languages	HP PCL 6. HP PCL 5. HP postscript level 3 emula	ation, 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 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); 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		
Standard Connectivity	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-Ti, 100Base-Ti, 190Base-Ti,		
Network Capabilities	802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).	802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Built-in 802.11a/b/g/n wireless networking (standard)	
Wireless Capability	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 31MS9A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A	Yes, built-in WiFi with Dual band Wireless Station, Wi-Fi Direct functionality and BLE.	
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified; ROAM optional for easy printing ⁷	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified; Wi-Fi® Direct printing; ROAM capable for easy printing ⁷	
Memory	Standard: 512 MB; Maximum: 1.5 GB, MAX memory, when 1GB Accessory DIMM is installed		
Processor Speed	1.2 GHz		
Duty Cycle	Monthly, letter: Up to 300,000 pages 12, Recommended Monthly Page Volume: 5000 to 30,00013		
Paper Handling	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; Up [Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feed		
	to 650 sheets standard labels legal; Output Capacities: 500 sheet output bin; Up to 500 sheets standard labels legal; Duplex Options: Automatic (standard); Ervelope Feeder: Yes, 75 (optional); Standard Paper Trays: 2; Media Types Supported: Paper (polain, 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: Automatic Duplexer: 16 to 32 b; Media Sizes Supported: 100-sheet multipurpose Tray 1: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in; Fon-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice. Letter, Legal, 27 s-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Feder: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optio	to 1200 sheets standard labels legal; Output Capacities : 500 sheet output bin; Up to 500 sheets standard labels legal; Duplex Options : Automatic (standard); Erwelope Feeder : Yes, 75 (optional); Standard Paper Trays : 2; Media Types Supported : Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colorec rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope; Media Weight Supported : Automatic Duplexer: 16 to 32 lb; Media Sizes Supported : 100-sheet multipurpose Tray 1: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 580-sheet optional Fice the Input Tray 2: Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional Fice Letter, Legal Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 2 in, 5 x 5 in 2 x 7 in	
Product Dimensions	W x D x H: 17 x 18.3 x 15 in; 431 x 466 x 380 mm Maximum: 17 x 40.9 x 17.8 in; 431 x 1040 x 453 mm	W x D x H: 17 x 18.3 x 19.9 in; 431 x 466 x 505 mm Maximum: 17 x 43.3 x 22.9 in; 431 x 1100 x 581 mm	
Product Weight	47.5 lbs ³ ; 21.6 kg ³	58 lb ³ ; 26.3 kg ³	
What's in the box			
Replacement Cartridges	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord. ² HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A; HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages) W1470X; HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages) W1470Y ⁶		
Warranty Features	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.		
Energy Star Certified		es	
	ENERGY STAR® qualified; Blue Angel; EPEAT® Silver; CECP	ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#AAZ, #201 options only); CECP; Blue Angel	
Energy Efficiency Compliance			
Control Panel		nscreen; rotating (adjustable angle) display; Home button	
Display Description	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)		
Software Included Fonts and Typefaces	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com; 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)		
Compatible Operating Systems	Additional font solutions available via third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available at http://www.hp.com/go/laser/jetfonts Windows Client OS (32/64 bith-, Win10, Win8.11, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Signer av10.13, 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 vour (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 for User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems section, UPD PCL6 / PS Printer Driver Supported Operating Systems Su		
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2018 R2 64-bit (SP1), Windows Server 2012 R4-bit, Windows Server 2016 R4-bit, Windows Server 201		
Minimum System Requirements	PC: 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;		
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), 6 A; Power Consumption: 780 watts (printing), 15.3 watts (ready), 3.1 watts		
Acoustics	(sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off) ⁴ ; Typical electricity consumption (TEC) number: ES: 1.093 kWh/week; BA: 2.948 kWh/week ⁵		
	Acoustic Power Emissions: 7.1 B(A): Acoustic Pressure Emissions: 56 dB(A) ^B		
Operating Environment	Operating Temperature Range: 10 to 32.5°C; Recommended Operating Temperature: 15 to 27°C; Storage Temperature Range: -20 to 40°C; Operating Humidity Range: 10 to 80 % RH; Recommended Humidity Operating Range: 30 to 70 % RH		
Security Management	% RH (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 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		

¹ EPEAT* registered where applicable. EPEAT registration varies by country. See http://www.peat.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/lean/aboutsupplies. ³ With print cartridges. ⁴ Power requirements are based on the country/region where the printer is sold. Do not convered operating valtages. This will damage the printer and void the product warranty. ⁵ Energy Sar Version 3.0 TEC sequals. But see TEC sequals to Best TEC. Power requirements are based on the country/region where the printer is sold. Do not convered operating valtages. This will damage the printer and void the product warranty. ⁵ Energy Sar Version 3.0 TEC sequals. But see Sengy Sar Version 3.0 TEC sequals and the printer and void the product warranty. ⁵ Energy Sar Version 3.0 TEC values. ⁸ But see Energy Sar Version 3.0 TEC values printed and other factors. ⁵ For details see http://www.hp.com/go/printer sequals. Do not convert operating value by printing and optional accessory to add Bluetooth* Low Energy BLE beaconing capabilities. ⁵ Subscription may be required. ⁵ For more information, with Intra-Phy. Com/go/printer and Acoustic values are subject to change. For current information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ¹⁰ Measured using 50 24734 Feature Test, AS Landscape Feed. Speed may vary based on content, P.C. media origination, and media type. ¹¹ Measured using 150 10 24734 Feature Test, AS Landscape Feed. Speed may vary based on content, P.C. media origination, and media type. ¹¹ Measured using 150 10 24734 Feature Test, AS Landscape Feed. Speed may vary based on content, P.C. media origination, origination or other HPL Lasevile or HP. Color Laseriet devices, and enables appropriate deployment of printed pag

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