HP LaserJet Enterprise M611 series



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.

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 M611dn



HP LaserJet Enterprise M611x

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. Choose high-yield toner cartridges.⁵

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/PrinterStnatProtect. For more information, visit: http://www.hp.com/go/PrinterStnatProtect. For more information, software application, driver, and document complexity. ⁴ Measured after 15 min in sleep. 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, and document complexity. ⁴ Measured after 15 min in sleep. ⁵ HP 147X Hgh Yield Black Original Laser/et Toner Cartidges not included; please purchase separately. ⁶ An ECC Class A device and the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. Arcl tasks A device ahoud not be purchased for use a necediated to the in received inclustor.

Product walkaround

1. Hardware Integration Pocket¹ 2. 4.3-inch (10.9 cm) color touchscreen control panel 8 3. Easy-access USB port 4. 100-sheet multipurpose tray 1 5. Front door access to toner cartridges 9 6.550-sheet input tray 2 7.550-sheet input tray 3 -10 8.500-sheet output bin 9. Automatic two-sided printing 10. Wi-Fi Direct^{®4}/Bluetooth[®] Low Energy⁷ 11. Host USB port 11 12. Gigabit Ethernet network port 6 13. Hi-Speed USB 2.0 printing port 12 14. Slot for cable-type security lock 7 13 .14 Front view

Close-up of I/O ports

Series at a glance





	HP LaserJet Enterprise M611dn	HP LaserJet Enterprise M611x
Part number	7PS84A	7PS85A
Print speeds (Letter) ²	Up to 65 ppm	Up to 65 ppm
Control panel	4.3-inch (10.9 cm) color touchscreen	4.3-inch (10.9 cm) color touchscreen
Automatic two-sided printing	\checkmark	\checkmark
Hardware Integration Pocket	\checkmark	\checkmark
100-sheet tray 1, 550-sheet tray 2	\checkmark	\checkmark
550-sheet paper feeder ³	Optional (up to four)	√ (plus up to three optional)
2,100-sheet paper feeder ³	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 direct₄/NFC₅	Embedded Wi-Fi Direct ⁴ /Bluetooth Low Energy ⁷
Wireless networking	Optional ⁶	Optional ⁶
HP High-Performance Secure Hard Disk	Optional	Optional

Noyed 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 de ¹ Solution nding on the sv stem configuration software application, driver and do complexity.³ All models come standard with the 100-sheet multipurpose tray and 550-sheet tapper feeders and the optional 2,100-sheet paper feeders. The M610dn, M611dn, and M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeder. The M610dn, M611dn, and M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn, M611dn, and M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn, M611dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn, M611dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn, M611dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet paper feeders. The M610dn M612dn models can add up to four additional optional 550-sheet No local, not init, and the lack can be used to add to the device needs to be connected directly to be signal of a Northage of the optional. (1) Or additional provides can be device needs to be connected directly to be signal of a Northage of the optional PP or lack can be device needs to be connected directly to be signal of a Northage of the optional (1) Or additional provides (1) or lack can be device needs to be connected directly to be signal of a Northage of the optional (1) or lack can be device needs to be connected directly to be signal of a Northage of the optional (1) or lack can be device needs to be connected directly to be signal of a Northage of the optional HP leditect 3000w NFC/Wireless Direct Accessory. Mobile device mests to be added to other models, and the additional (1) or lack can be device needs to be connected directly of the optional (1) or lack can be device needs to be connected directly of the optional (1) or lack can be device needs to be connected directly of the optional HP leditect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. Devending of the optional HP leditect 2900mw Print Server. Wieless 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 let 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. Datasheet | HP LaserJet Enterprise M611 series

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.¹

With speeds up to 65 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

HP Staple Cartridge Refill J8J96A HP LaserJet 110v Maintenance Kit L0H24A HP LaserJet 220v Maintenance Kit L0H25A

Solutions

Overview: The HP Solutions portfolio provides a broad array of solutions designed towork with many HP printers and MFPs. They can help improve productivity, safeguard your data, and drive down costs. Helping employees and your IT team work more efficiently.

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 Web JetAdmin; HP JetAdvantage Security Manager; HP JetAdvantage Insights

For more 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

U9NE0E - HP 3y NBD LJ Ent M608 M611 SVC U9NE5E - HP 5y 4h 9x5 LJ Ent M608 M611 SVC U9NE8E - HP 5y 4h 13x5 LJ Ent M608 M611 SVC U9NF4E - HP 5y Nbd Exch LJ Ent M608 M611 SVC U9NF7E - HP 5y RtD LJ Ent M608 M611 SVC U9NF9E - HP 4y ChnlPartsOnly LJ Ent M608 M611 SVC U9NGOE - HP 5y ChnlPartsOnly LJ Ent M608 M611 SVC U9NG5PE - HP 2y PW NBD LJ Ent M608 M611 SVC U9NG7PE - HP 2y PW 4h 9x5 LJ Ent M608 M611 SVC U9NG8PE - HP 1v PW 4h 13x5 LJ Ent M608 M611 SVC U9NH1PE - HP 1y PW Nbd Exch LJ Ent M608 M611 SVC U9NH2PE - HP 1y PW RtD LJ Ent M608 M611 SVC U9NH4PE - HP 2y PW PartsOnly LJ Ent M608 M611 SVC U9PS8E - HP MKRS LJ M60x M611 Fuser 110 SVC U9PS9E - HP MKRS LJ M60x M611 Fuser 220 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 FutureSmart firmware 4.5 or above. Caim 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/PrinterSecurityClaims² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims² HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, driver, and document complexity.⁴ Measured after 15 min in sleep. ⁵ HP 147X High Yield Black Original Laser let Torn Carridges not included; please purchase separately.⁶ An FCC Class A device entotis the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial device monters. The inversements. Complexity and communications.

HP LaserJet Enterprise M611 series

Technical Specifications	HP LaserJet Enterprise M611dn(7PS84A)	HP LaserJet Enterprise M611x(7PS85A)	
Print speed	A4: Up to 61 ppm black: Letter: Up to 65 ppm black: ⁹ : A5:	up to 100 ppm ¹⁰ ; First Page Out Black: As fast as 5.1 sec; ¹¹	
Duplex Print speed		Letter: Up to 53 ipm black	
Print resolution		FastRes 1200; Black (fine lines): Up to 1200 x 1200 dpi	
Print Technology		(1200 x 1200 dpi), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)	
Print Cartridges Number		olack)	
Standard Print Languages	HP PCL 6. HP PCL 5. HP postscript level 3 emul	ation, native PDF printing (v 1.7), Apple AirPrint™	
Printer Smart Software Features		4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB	
Printer Management		NMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver	
r inter Hundgement	Configuration Utility - Driver Deployment Utility - Managed Printing Administrator);		
Standard Connectivity	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	
Network Capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard), 802.11a/b/g/n wireless networking (optional).	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-Tx, 1000	
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 JB030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BEL/NFC/Wireless Station functionality available with HP Jetdirect 2900mw Print Server JB031A		
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; ROAM capable for easy printing; Wi-Fi® Direct printing ⁷	
Memory	Standard: 512 MB; Maximum: 1.5 GB, MAX memory, when 1GB Accessory DIMM is installed		
Processor Speed	1.2 GHz / Hard disk: Optional, 500 GB (with accessory B5L29A)		
Duty Cycle	Monthly, letter: Up to 275,000 pages Recommended Monthly Page Volume: 5000 to 25000 ¹²		
Paper Handling	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; Up to 650 sheets standard labels legal; OUtput Capacities : 500 sheet output bin; Up to 500 sheets standard labels legal; Duplex Options: Automatic (standard); Erwelope Feeder: Vee, 75 (optional); Standard Paper Trays : 2; Media Types Supported: Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, Labels, letterhead, envelope, heavy envelope. Wedia 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, 550-sheet optional feeder: Letter, Legal	to 1200 sheets standard labels legal; Output Capacities: 500 sheet output bin; Up to 500 sheets standard labels legal; Outplex Options: Automatic (standard); Envelope Feeder: Yes, 75 (optional); Standard Paper Trays: 2; Media Types Supported: Paper (plain, light, bond, recycled, heavy, eardstock, pre-printed, pre-punched, colore rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope; Media Weight Supported: Automatic Ouplexer: 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; S50-sheet optional feeder: Letter, Lega	
	Executive, Statement, Oficio (B.S.x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2000-sheet optional HC: Letter, Legal; 75-sheet optional envelope feeder: #9, #10, Monarch; Media Sizes Custom: 100-sheet multipurpose Tray 1: 3 x 5 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 75-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 75-sheet envelope feeder: 3.5 x 5.8 to 7 x 10 in	Executive, Statement, Oficio (8,5 xr 13), 4 x 6 in, 5 xr 1in, 5 x 8 in; 2000-sheet optional HCI: Letter, Legal; 75-sheet optional envelope feeder: #9, #10, Monarch; Media Sizes Custom: 100-sheet multipurpose Tray 1: 3 x 5 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 75-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 75-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 7 x 10 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 lbs ³ ; 26.3 kg ³	
What's in the box	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10	.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord. ²	
Replacement Cartridges	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	Yes		
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Glod (#AAZ, #201 options only)		
Control Panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; 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	No software solutions are included in the box, only on http://hp.com, http://123.hp.com;		
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 Laser Jet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts		
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 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 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 section, UPD PCL6 / PS Printer Drivers- Supported Operating Systems, For more information on the supported operating systems section, UPD PCL6 / PS Printer Drivers- Supported Operating systems, For more information on the supported operating systems section, UPD PCL6 / PS Printer Drivers- Supported Operating systems, For more information on the supported operating systems for Machine and 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 for Machine and Search for your (Product Name) - User Guide, Search for the Supported Operating Systems Section, UPD PCL6 / PS Printer Drivers- Supported Operating Systems Section, UPD PCL6 / PS Printer Drivers-		
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 5., Citrix XenApp & KenDesktop 7.6, Novell iPrint server, "Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://kevelopers.hp.com/thp-linux-imaging-and-printing Unix-For more information see http://kevelopers.hp.com/thp-linux-imaging-and-printing-unitor-meter information see http://kevelopers.hp.com/thp-linux-imaging-and-printing- Unix-For more information see http://kp.com/go/nixmodelscripts. 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 sector www.hp.com/go/.pdt,		
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), 12 A; 220V - 240V nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 6 A; Power Consumption: 780 watts (printing), 15.3 watts (ready), 3.1 watts (steep), 0.01 watts (study), 0.01 watts (study), 0.01 watts (study), 0.01 watts (steep), 0.01 watts (steep		
Acoustics	Acoustic Power Emissions: 6.9 B(A): Acoustic Pressure Emissions: 5.5 dB(A) ⁸		
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	dentity 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); SMMPV3; HTTPS; Certificates; Access Control Lis; 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 (Decking 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 mages printed and other factors. For details see http://www.pc.om/go/learnaboutsupplies.³ With print cartidges⁴ Power requirements are based on the country/region where the printer six old. Do not convert operating voltages. This will damage the printer and volt the product warranty. Power consumption values by plicitly based on mages printed and other factors. For details see thtp://www.pc.om/go/learnaboutsupplies.³ With print cartidges⁴ Power requirements are based on the country/region where the printer six old. Do not convert operating voltages. This will damage the printer and volt the product warranty. Power consumption values by plicitly based on measurement of 115V device. ⁵ BA TEC is equal to Best TEC. Power you cause or pAT ECC voltages on the TEC values or the technologited to the technologited technologited technolo

