Datasheet | NA

HP LaserJet Enterprise M507 series

Handle business solutions securely, plus help conserve energy with HP EcoSmart toner

Choose an HP LaserJet Enterprise printer designed to handle business solutions securely and efficiently, and helps conserve energy with HP EcoSmart black toner. Keep up with the demands of growing business with a printer you can rely on.[8]

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 M507n

HP LaserJet Enterprise M507dn

HP LaserJet Enterprise M507x

The world's most secure printing[1]

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks.
- Firmware is automatically checked during startup to determine if it's authentic code—digitally signed by HP.

Low costs, low energy use

- Stay productive with reliable cartridges, and help save energy while printing with HP EcoSmart black toner.[8]
- Spend less time replacing toner, and more on business. Choose optional high-yield toner cartridges.[2]
- Enhanced energy savings — up to 29% over prior products plus save with Auto-on/Auto-off technology.[3]
- This printer fits in tight places to boost performance in almost any workspace.

Your whole fleet. At your control.

- Centralize control of your printing environment with HP Web Jetadmin[4]—and help build business efficiency.
- Gain insights into print costs, behaviors, utilization to drive efficiencies with this cloud-based printer.
- Set security configuration policies and automatically validate settings for every HP printer in your fleet.[5]

Enhanced productivity keeps business moving

- Submit print jobs on the go and securely release them at any HP Roam-enabled office printer, securely.[7]
- Don't wait for documents. Print your first page in as little as 10 seconds from energy-efficient sleep mode.

[1] Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims
[2] High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately
[3] HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.
[4] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin
[5] HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager
[7] Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at http://www.hp.com/go/mobileprinting
[8] 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 hp.com/go/roam
[9] 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.

Product walkaround

Series at a glance

Model	HP LaserJet Enterprise M507n	HP LaserJet Enterprise M507dn	HP LaserJet Enterprise M507x
Product number	1PV86A	1PV87A	1PV88A
Print speed (black)[7]	Up to 45/43 pages per minute (ppm) (letter/A4) (all models)		
Control panel	2.7-inch (6.9 cm) LCD with keypad		4.3-inch (10.9 cm) touchscreen
Automatic two-sided printing	Manual (driver support provided)	√	
100-sheet multipurpose tray 1, 550-sheet input tray 2	√		
Standard 550-sheet paper tray 3	Not available		√
Optional 550-sheet paper tray	Add up to three		
Optional printer cabinet	Add up to one (all models)		
Input capacity (standard/maximum[8])	Up to 650/2,300 sheets		
Hardware Integration Pocket[1]	Not available	√	
Recommended Monthly Page Volume[9]	2,000 to 7,500 pages (all models)		
Cartridge yield[10]	Black: ~5,000/10,000/20,000 (standard/high-yield/extra-high-yield) (all models)		
Wireless direct printing[11]/NFC touch-to-print[12]	Optional		Built-in wireless direct printing; optional NFC touch-to-print
Dual-band Wi-Fi® with Bluetooth® Low Energy[6]	Optional		Built-in

[1] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. The HP LaserJet Enterprise M507dn and M507x models include a second-generation HIP. The M507n does not include a HIP.
[2] An administrator must enable the easy-access USB port before use.
[3] Tray 3 is only standard on the M507x model.
[4] The HP LaserJet Enterprise M507x model comes with a 4.3-inch (10.9 cm) touchscreen control panel. The HP LaserJet Enterprise M507n and M507dn models come with a 2.7-inch (6.9 cm) display with 24-key pad.
[5] Automatic two-sided printing is not available on the HP LaserJet Enterprise M507n.
[6] Dual-band Wi-Fi® with Bluetooth® Low Energy is standard on the HP LaserJet Enterprise M507x and optional on the M507n and M507dn models with the addition of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (J8031A).Wireless operations are compatible with 2.4 GHz and 5 GHz operations only. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at hp.com/go/mobileprinting.
[7] 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.
[8] Purchase of optional paper trays required to reach maximum input capacity.
[9] Recommended Monthly Page Volume: 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.
[10] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit: http://www.hp.com/go/learnaboutsupplies.
[11] Wireless direct printing is standard on the HP LaserJet Enterprise M507x. The M507n and M507dn models can add wireless direct printing with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct–capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting.
[12] Touch-to-print capability requires purchase of the optional HP Jetdirect 3100w BLE/NFC/Wireless Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

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

HP printers have the industry's strongest security[1] because they're always on guard, continually detecting and stopping threats while adapting to new ones. And only HP printers automatically self-heal from attacks, so IT doesn't need to intervene.

Good resource management is good business. Help reduce costs and energy use with an HP LaserJet designed to be more efficient than its predecessors, using HP JetIntelligence toner cartridges. HP, like you, is committed to keeping business moving.

Every business values a problem solver. Help get more control with a robust management system and solutions that keep up with modern business.

Easy-to-use features, fast print speeds, and simple mobile printing options help you keep up with the speed of business.

Accessories

2MU47A HP Accessibility Assistant
2NR12A HP Removable Hard Drive Enclosure
3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
B5L28A HP Internal USB Ports
B5L29A HP High-Performance Secure Hard Disk
F2A72A HP LaserJet 550-sheet Paper Tray
F2A73A HP LaserJet Printer Cabinet
G6W84A HP 1 GB 90-pin DDR3 DIMM
J8030A HP Jetdirect 3000w NFC/Wireless Accessory
J8031A HP Jetdirect 2900nw Print Server
1PV95A HP USB Port 100pc M507/M528 Accy
5EL03A HP TAA Version Secure Hard Disk Drive
G6W84A HP 1GB 90-Pin DDR3 DIMM
X3D03A HP USB Universal Card Reader
Y7C05A HP HIP2 Keystroke Reader
4QL32A HP Legic Card Reader

Supplies

HP 89A Black Original LaserJet Toner Cartridge (~5,000 pages) **CF289A**
HP89X High Yield Black Original LaserJet Toner Cartridge (~10,000 pages) **CF289X**
HP89Y Extra High Yield Black Original LaserJet Toner Cartridge (~20,000 pages)**CF289Y**

Services

UB6Z2E: HP 3 years Next Business Date w/DMR LaserJet Enterprise M507 SVC
UB6Z3E: HP 4 years Next Business Date w/DMR LaserJet Enterprise M507 SVC
UB6Z4E: HP 5 years Next Business Date w/DMR LaserJet Enterprise M507 SVC
UB6Z5E: HP 3 years 4 hours 9x5 w/DMR LaserJet Enterprise M507 SVC
UB6Z6E: HP 4 years 4 hours 9x5 w/DMR LaserJet Enterprise M507 SVC
UB6Z7E: HP 5 years 4 hours 9x5 w/DMR LaserJet Enterprise M507 SVC
UB7A1E: HP 3 years ChnlPartsOnly LaserJet Enterprise M507 SVC
UB7A2E: HP 4 years ChnlPartsOnly LaserJet Enterprise M507 SVC
UB7A3E: HP 5 years ChnlPartsOnly LaserJet Enterprise M507 SVC
UB7A4PE: HP 1 year PageWide Next Business Date w/DMR LaserJet Enterprise M507 SVC
UB7A5PE: HP 2 years PageWide Next Business Date w/DMR LaserJet Enterprise M507 SVC
UB7A6PE: HP 1 year PageWide w/DMR 4 hours 9x5 LaserJet Enterprise M507 SVC
UB7A7PE: HP 2 years PageWide w/DMR 4 hours 9x5 LaserJet Enterprise M507 SVC
UB7B0PE: HP 1 year PageWide ChnlPartsOnly LaserJet Enterprise M507 SVC
UB7B1PE: HP 2 years PageWide ChnlPartsOnly LaserJet Enterprise M507 SVC

[1] Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims
[2] High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately
[3] HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.
[4] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin
[5] HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager
[7] Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at http://www.hp.com/go/mobileprinting
[8] 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 hp.com/go/roam
[9] 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.

HP LaserJet Enterprise M507 series

Model	HP LaserJet Enterprise M507n	HP LaserJet Enterprise M507dn	HP LaserJet Enterprise M507x
Product number	1PV86A	1PV87A	1PV88A
AIO functions	Print		
Print			
Print speed[13],[14],	**Letter:** Up to 45 ppm (default) ; Up to 52 ppm (HP High Speed) Black; **2-sided:** Up to 36 ipm Black; **First page out:** As fast as 5.9 sec Black; **Print speed (Landscape, A5):** Up to 65 ppm Black		
Print resolution	**Black (best)** Up to 1200 x 1200 dpi; **Black (normal)** Up to 600 x 600 dpi; **Black (fine lines)** Up to 1200 x 1200 dpi		
Print technology	Laser; **Print resolution technology:** 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200		
Print cartridges number	1 (black)		
Standard print languages	HP PCL 6, HP postscript level 3 emulation, 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 SureSupply[10]	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)/ Yes		
Connectivity			
Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket; 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy
Network capabilities	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A; HP Jetdirect 3100w BLE/NFC/Wireless	HP Jetdirect 2900nw Print Server J8031A	HP Jetdirect 2900nw Print Server J8031A; HP Jetdirect 3000w NFC/Wireless Accessory J8030A; HP Jetdirect 3100w BLE/NFC/Wireless
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 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A	Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A	Yes, built-in Embedded Wi-Fi with Dual band Wireless Station and Wi-Fi Direct functionality and BLE.
Mobile printing capability[7]	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; ROAM optional for easy printing	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; ROAM capable for easy printing	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; ROAM optional for easy printing; Wi-Fi® Direct printing
Memory	**Standard:** 512 MB; **Maximum:** 1.5 GB MAX memory, when Accessory DIMM is installed		
Processor speed	1.2 GHz / **Storage:** 4 GB EMMC / **Hard disk:** Optional, 500 GB minimum encrypted hard disk drive		
Duty cycle (monthly)[8]	**Letter:**Up to 150,000 pages; **Recommended monthly page volume[9]:** 2,000 to 7,500		
Paper handling			
Input	100-sheet multipurpose Tray 1, 550-sheet input tray 2; Up to 650 sheets Standard	100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing; Up to 650 sheets Standard	100-sheet multipurpose Tray 1, 550-sheet input Trays 2 and 3, automatic duplex printing; Up to 1200 sheets Standard
Output	**Standard:** 250-sheet output bin; Up to 250 sheets Standard; **Transparencies:** Up to 75 sheets		
Duplex Options	Manual (driver support provided)	Automatic (standard)	
Envelope feeder	No		
Standard paper trays	2		3
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined		
Media weight	Tray 1: 16 to 53 lb; tray 2+: 16 to 32 lb		
Media sizes	Tray 1: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional Automatic Duplexer: letter, legal, 8.5 x 13 in		
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet Tray: 4.14 x 5.83 to 8.5 x 14 in		
Dimensions (w x d x h)	16.46 x 14.80 x 11.77 in; **Maximum:** 16.46 x 25.16 x 11.77 in		16.46 x 14.80 x 18.94 in; **Maximum:** 16.46 x 25.16 x 18.94 in
Weight[2]	24.7 lb	25.5 lb	36.3 lb
What's in the box[1]	HP LaserJet Enterprise M507n Printer; HP Original LaserJet Toner Cartridge (~5,000 pages); Regulatory flyer (CD replacement); Unpack Flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list; USB-8ft cable (APJ region only)	HP LaserJet Enterprise M507dn Printer; HP Original LaserJet Toner Cartridge (~5,000 pages); Regulatory flyer (CD replacement); Chile Regulatory flyer (#AC8); Unpack Flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/number list; USB-8ft cable (APJ region only)	HP LaserJet Enterprise M507x Printer; HP Original LaserJet Toner Cartridge (~5,000 pages); Regulatory flyer (CD replacement); Unpack Flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/phone number list; USB-8ft cable (APJ region only)
Replacement cartridges	HP 89A Black Original LaserJet Toner Cartridge (~5,000 pages) CF289A; HP89X High Yield Black Original LaserJet Toner Cartridge (~10,000 pages) CF289X; HP89Y Extra High Yield Black Original LaserJet Toner Cartridge (~20,000 pages) CF289Y		
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (wty code 4G; wty ID A001)		
Energy star certified	No	Yes	
Energy efficiency compliance	CECP	Blue Angel; CECP; EPEAT® Gold; ENERGY STAR® qualified	Blue Angel; EPEAT® Silver; CECP; ENERGY STAR® qualified
Control panel	2.7-in (6.86 cm) QVGA LCD (color graphics) display with 24-key pad		4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
Display	2.7-in (6.86 cm) QVGA LCD (color graphics)		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 World Type);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		
Compatible operating systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, 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, 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, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, 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, UPD PCL6 / PS Printer Drivers-, Supported for Compatible Network Operating systems please see http://hp.com/go/upd		
Minimum system requirements	**PC:**2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com; **Mac:** 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com;		
Power[4] [5]	**Power supply type:** Built-in 115V or 220V Power Supply; **Power supply required:** Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 7.5 A; Input voltage: 220V to 240V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 4 A; **Power consumption[3]:** 601 (Active Printing) 7.60 (Ready), 2.61 watts (Sleep), 0.06 watts (Auto-Off), 0.06 watts (Off), Auto Off/Wake on LAN 0.73 Watt; **Typical electricity consumption (TEC) number:** 1.257 kWh/Week (Blue Angel); 0.420 kWh/Week (Energy Star 3.0); **Best technical electricity consumption (TEC):** 1.257 kWh/week		**Power supply type:** Built-in 115V or 220V Power Supply; **Power supply required:** Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 7.5 A; Input voltage: 220V to 240V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 4 A; **Power consumption[3]:** 601 (Active Printing) 7.60 (Ready), 2.61 watts (Sleep), 0.06 watts (Auto-Off), 0.06 watts (Off), Auto Off/Wake on LAN 0.73 Watt; **Typical electricity consumption (TEC) number:** 1.257 kWh/Week (Blue Angel); 0.420 kWh/Week (Energy Star 3.0); **Best technical electricity consumption (TEC):** 1.257 kWh/Week (Blue Angel); 0.420 kWh/Week (Energy Star 3.0)
Acoustics	**Acoustic power emissions:** 6.9 B(A)		**Acoustic power emissions:** 6.8 B(A)
Operating environment	**Operating temperature range:** 50 to 90.5°F ; **Recommended operating temperature:** 59 to 80.6°F ; **Storage temperature range:** -4 to 104°F ; **Operating humidity range:** 10 to 80% RH ; **Recommended operating humidity range:** 30 to 70% RH		
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 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, ...); Connection Inspector - helps ensure network connections to device are safe, Security management: Compatible with HP JetAdvantage Security Manager, HP Printer Security Plugin for Microsoft SCCM, Device Security Syslog Messages processed and accessable in ArcSight, Splunk, and McAfee(ESM) SIEMs		

[1] In box cartridge yields 5,000 black pages based on ISO/IWC 19752 and continuous printing. Actual pages may vary considerably based on images printed and other factors. For more information, visit: http://www.hp.com/go/learnaboutsupplies.
[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] 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 value typically based on measurement of 115 V device.
[5] Best TEC is not applicable to the ES 2.0 TEC. This measurement was made with the printer configuration optimized for energy efficiency. Minimum Sleep Delay was used, Wi-Fi Direct was disabled, and Active I/O - Energy Efficient Ethernet was used.
[6] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit: http://www.hp.com/go/learnaboutsupplies
[7] To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customer can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB.
[8] 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.
[9] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
[10] HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit http://www.hp.com/go/SureSupply.
[11] FCC Class A emissions - for use in commercial environments, not residential environments
[12] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
[13] Measured using ISO/IEC 24734 Office Suite and Feature Test, 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, document complexity, media size, media orientation and media type. HP High Speed may require FW upgrade to enable.
[14] 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.

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