

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.



HP LaserJet Enterprise M507n



HP LaserJet Enterprise M507dn



HP LaserJet Enterprise M507x

The world's most secure printing¹

- 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.

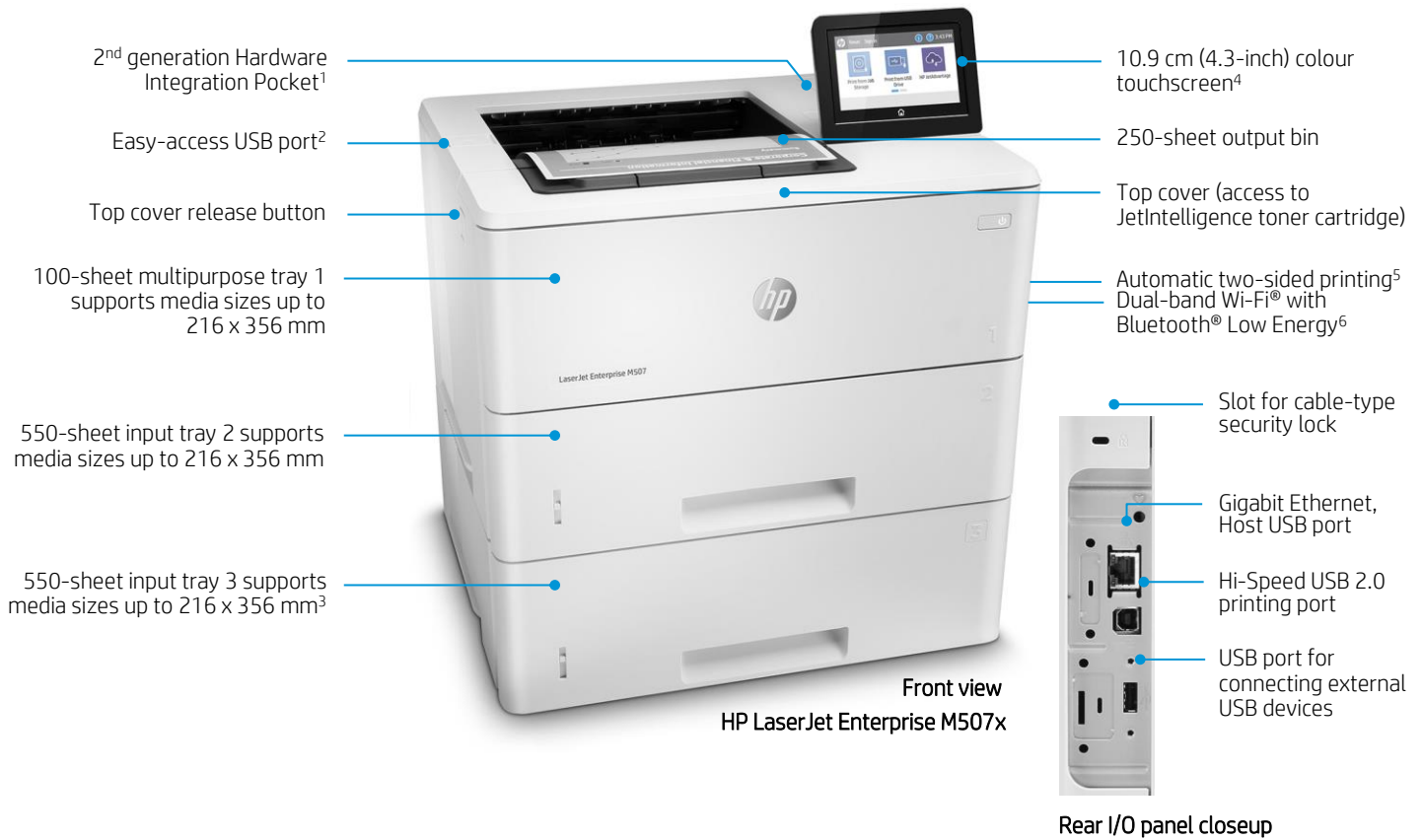
Your whole fleet. At your control.

- Centralize control of your printing environment with HP Web Jetadmin⁴—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.

Product walkaround



Series at a glance



Model (product number)	M507n (1PV86A)	M507dn (1PV87A)	M507x (1PV88A)
Print speed (black) ⁷	Up to 43/45 pages per minute (ppm) (A4/letter) (all models)		
Control panel	6.9 cm (2.7-inch) LCD with keypad	6.9 cm (2.7-inch) LCD with keypad	10.9 cm (4.3-inch) 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	Not available	✓
Optional 550-sheet paper tray	Add up to three	Add up to three	Add up to two
Optional printer cabinet	Add up to one (all models)		
Input capacity (standard/maximum ⁸)	Up to 650/2,300 sheets	Up to 650/2,300 sheets	Up to 1,200/2,300 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	Optional	Built-in wireless direct printing; optional NFC touch-to-print
Dual-band Wi-Fi ⁶ with Bluetooth ⁶ Low Energy ⁶	Optional	Optional	Built-in

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.

Choose from:

Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):

Next Business Day Onsite Support

4 hour Onsite Support:

Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support:

Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service:

Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service:

Assembly, network configuration, and basic administrator familiarization. For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices



Windows 10



HP Care Pack

Top features

HP printers have the industry's strongest security¹ 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.

Product

1PV86A	HP LaserJet Enterprise M507n
1PV87A	HP LaserJet Enterprise M507dn
1PV88A	HP LaserJet Enterprise M507x

Accessories

1PV95A	HP Internal USB Ports Qty 100 for M507 and M528
2MU47A	HP Accessibility Assistant
2NR12A	HP Removable Hard Drive Enclosure
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4QL32A	HP Legic Secure USB Reader
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
J8031A	HP Jetdirect 2900nw Print Server
X3D03A	HP Universal USB Proximity Card Reader
Y7C05A	HP HIP2 Keystroke Reader

Supplies

CF289A	HP 89A Black Original LaserJet Toner Cartridge (5,000 pages)
CF289X	HP 89X High Yield Black Original LaserJet Toner Cartridge (10,000 pages)
CF289Y	HP 89Y Extra High Yield Black Original LaserJet Toner Cartridge (20,000 pages)

HP Care Packs

UB6Z2E	HP 3 year Next Business Day w/DMR Service for LaserJet Enterprise M507
UB6Z3E	HP 4 year Next Business Day w/DMR Service for LaserJet Enterprise M507
UB6Z4E	HP 5 year Next Business Day w/DMR Service for LaserJet Enterprise M507
UB6Z5E	HP 3 year 4 hour 9x5 w/DMR Service for LaserJet Enterprise M507
UB6Z6E	HP 4 year 4 hour 9x5 w/DMR Service for LaserJet Enterprise M507
UB6Z7E	HP 5 year 4 hour 9x5 w/DMR Service for LaserJet Enterprise M507

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Paper

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja

HP Universal Print Driver: hp.com/go/upd

HP Imaging and Printing Security Center: hp.com/go/ipsc

HP LaserJet Enterprise M507 series

Model	HP LaserJet Enterprise M507n	HP LaserJet Enterprise M507dn	HP LaserJet Enterprise M507x
Product number	1PV86A	1PV87A	1PV88A
Functions	Print		
Print			
Duplex print options	Manual (driver support provided)	Automatic (standard)	
Print speed ¹³	Black (A4, normal): Up to 43 ppm (default) ; Up to 50 ppm (HP High Speed); Black (letter, normal): Up to 45 ppm (default) ; Up to 52 ppm (HP High Speed); Black (A4, duplex): Up to 34 ipm; Black (letter, duplex): Up to 36 ipm		
First page out ¹⁴	Black (A4, ready): As fast as 5.9 sec; Black (A4, sleep): As fast as 10 sec		
Print technology	Laser		
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 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 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)		
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
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
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.
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
Memory	Standard: 512 MB; Maximum: 1.5 GB MAX memory, when Accessory DIMM is installed		
Hard disk	Optional, 500 GB minimum encrypted hard disk drive		
Processor speed	1.2 GHz		
Duty cycle (monthly) ⁸	Up to 150,000 pages; Recommended monthly page volume⁹: 2,000 to 7,500		
Paper handling			
Input	100-sheet multipurpose Tray 1, 550-sheet input tray 2	100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing	100-sheet multipurpose Tray 1, 550-sheet input Trays 2 and 3, automatic duplex printing
Output	250-sheet output bin		
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined		
Media weight	Tray 1: 60 to 200 g/m ² ; Tray 2+: 60 to 120 g/m ²		
Media Sizes Custom	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2: 105 x 148 to 215.9 x 355.6 mm; Optional 550-sheet Tray: 105 x 148 to 215.9 x 355.6 mm		
Dimensions (w x d x h)	418 x 376 x 299 mm		418 x 376 x 481 mm
Weight	11.21 kg	11.48 kg	16.34 kg
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 (#ACB); 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)
Software included	No software solutions are included in the Box, only on http://hp.com , http://123.hp.com		
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)		
Systems			
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		
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 ;		
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 WPA-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 accessible in ArcSight, Splunk, and McAfee(ESM) SIEMs		
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		
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)
Ecolabels	CECP	Blue Angel; CECP; EPEAT® Gold; ENERGY STAR® qualified ¹¹	Blue Angel; EPEAT® Silver; CECP; ENERGY STAR® qualified ¹¹
ENERGY STAR Qualified	No	Yes	
Sustainable impact specifications	Mercury free		
Power	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. Not dual voltage, power supply varies by part number with # Option code identifier.; Power consumption³: 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 number⁴: 1.257 kWh/Week (Blue Angel); 0.420 kWh/Week (Energy Star 3.0)		
Acoustics	Acoustic power emissions¹²: 6.9 B(A) ; Acoustic power emissions (ready): 3.9 B(A) ; Acoustic pressure emissions bystander (active, printing): 55 dB(A) ; Acoustic pressure emissions bystander (ready): 25 dB(A)	Acoustic power emissions¹⁵: 6.9 B(A) ; Acoustic power emissions (ready): 3.9 B(A) ; Acoustic pressure emissions bystander (active, printing): 55 dB(A) ; Acoustic pressure emissions bystander (ready): 25 dB(A)	Acoustic power emissions¹²: 6.8 B(A) ; Acoustic power emissions (ready): 3.9 B(A) ; Acoustic pressure emissions bystander (active, printing): 54 dB(A) ; Acoustic pressure emissions bystander (ready): 24 dB(A)
Environmental ranges	Operating temperature range: 10 to 32.5°C ; Recommended operating temperature: 15 to 27°C ; Operating humidity range: 10 to 80% RH ; Recommended operating humidity range: 30 to 70% RH		
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A2:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UL CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, dated June 24, 2007; Other safety approvals as required by individual countries.		
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, Stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, Syslog; Security: SNMPv3, SSL Cert Management, IPsec/Firewall, ACL, 802.1x		

Footnotes

- 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>
- ⁶ Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.
- 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](http://www.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.

Technical specifications disclaimers

- 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.

To learn more, visit <http://www.hp.com>

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