HP LaserJet Enterprise M507 series



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.





This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness. of these measures and block cartridges that previously worked. A reused HP chip enables the Low costs, low energy use

Stay productive with re use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds.









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.

- 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
- 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 cloudbased 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.
- Don't wait for documents. Print your first page in as little as 10 seconds from energyefficient sleep mode.

Product walkaround

HP LaserJet Enterprise M507x

- 1. 2nd generation Hardware Integration Pocket¹
- 2. Easy-access USB port²
- 3. Top cover release button
- 4. 100-sheet multipurpose tray 1 supports media sizes up to 216 x 356 mm
- 5. 550-sheet input tray 2 supports media sizes up to 216 x 356 mm
- 6. 550-sheet input tray 3 supports media sizes up to 216 x 356 mm³
- 7. 10.9 cm (4.3-inch) colour touchscreen⁴
- 8. 250-sheet output bin
- 9. Top cover (access to JetIntelligence toner cartridge)
- 10. Automatic two-sided printing⁵
- 11. Dual-band Wi-Fi® with Bluetooth® Low Energy⁶



Series at a glance







Model	HP LaserJet Enterprise M507n	HP LaserJet Enterprise M507dn	HP LaserJet Enterprise M507x
Product number	1PV86A 1PV87A		1PV88A
Control panel	6.9 cm (2.7-inch) LCD with keypad		10.9 cm (4.3-inch) touchscreen
Automatic two-sided printing	Manual (driver support provided)	Yes	
Hardware Integration Pocket ¹	Not available	Yes	

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-keypad. 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

Configurable Items, Accessories, Supplies and Support

	 			
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)			
Accessories	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 Connectors			
	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 USB Universal Card Reader			
	Y7C05A HP HIP2 Keystroke Reader			
Service and Support	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			

Technical specifications

Model	HP LaserJet Enterprise M507n	HP LaserJet Enterprise M507dn	HP LaserJet Enterprise M507x		
Product number	1PV86A	1PV87A	1PV88A		
Functions	Print				
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		
Print			-		
Print technology	Laser				
Print speed ¹³	Black (A4, normal) Up to 43 ppm (default); Up to 50	ppm (HP High Speed) ; Black (A4, duplex) : Up to 34 ip	om		
First page out ¹⁴	Black (A4, ready): As fast as 5.9 sec; Black (A4, sleep): As fast as 10 sec				
Print resolution	Black (best) : Up to 1200 x 1200 dpi ; Technology : 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200				
Monthly duty cycle ⁸	Up to 150,000 pages A4; Recommended monthly page volume ⁹ : 2,000 to 7,500				
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB				
Standard print languages	HP PCL 6, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™				
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono 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				
Print area	Print margins Top: 4.3 mm, Bottom: 4.3 mm, Left: 4	.3 mm, Right: 4.3 mm; Maximum print area: 212 x 35	52 mm		
Duplex printing	Manual (driver support provided)				
Processor speed	1.2 GHz				
Connectivity					
Standard	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		
Optional	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional); second Ethernet port (optional).		Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Embedd 802.11a/b/g/n wireless networking and second Ethernet port.		
Wireless	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		
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				
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		
Hard disk	Optional, 500 GB minimum encrypted hard disk driv	Optional, 500 GB minimum encrypted hard disk drive			
Memory	Standard: 512 MB; Maximum: 1.5 GB MAX memory,	when Accessory DIMM is installed			
Media handling					
Number of paper trays	Standard: 2 ; Maximum: 5		Standard: 3 ; Maximum: 5		
Media types	Paper (bond, color, letterhead, plain, preprinted, pre	punched, recycled, rough); envelopes; labels; cardsto	ck; transparencies; user-defined		
Media size	Custom (metric): 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; Supported (metric): Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), B6 (JIS), B6 (JIS), B6 (JIS), B6 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet Tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional Automatic Duplexer: A4, RA4, Oficio (216 x 340)				
Media handling	Standard input: 100-sheet multipurpose Tray 1, 550-sheet input tray 2 Standard output: 250-sheet output bin Optional input: Up to 3 optional 550- sheet paper feeders	Standard input: 100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing Standard output: 250-sheet output bin Optional input: Up to 3 optional 550-sheet paper feeders	Standard input: 100-sheet multipurpose Tray 1, 550-sheet input Trays 2 and 3, automatic duplex printing Standard output: 250-sheet output bin Optional input: Up to 2 optional 550-sheet paper feeders		
Media weight	Tray 1: 60 to 200 g/m²; Tray 2+: 60 to 120 g/m²;				
Input capacity	Tray 1: Sheets: 100; Transparencies: 50; Envelopes: 10 Tray 2: Sheets: 550 Tray 3: Sheets: 550 Maximum: Up to 2300 sheets				
Output capacity	Standard: Up to 250 sheets Envelopes: Up to 10 envelopes Transparencies: Up to 75 sheets Maximum: Up to 250 sheets				

Technical specifications

Model	HP LaserJet Enterprise M507n	HP LaserJet Enterprise M507dn	HP LaserJet Enterprise M507x		
Product number	1PV86A	1PV87A	1PV88A		
Compatible operating systems	Windows 11; Windows 8; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave				
Compatible network operating systems	Windows 11; Windows Server; Windows Client OS; Citrix				
Minimum system requirements	Windows: 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;				
Software included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.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 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 (HTTS); 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				
Printer management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)				
Dimensions and weight					
Printer dimensions (W \times D \times H)	Minimum 418 x 376 x 299 mm; Maximum : 418 x 639 x 299 mm		Minimum 418 x 376 x 481 mm; Maximum : 418 x 639 x 481 mm		
Printer weight	11.21 kg 11.48 kg		16.34 kg		
Operating environment	Temperature: 10 to 32.5°C; Humidity: 30 to 70% RH				
Storage conditions	Temperature: -20 to 40°C				
Acoustics	Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 55 dB(A)		Acoustic power emissions: 6.8 B(A); Acoustic pressure emissions: 54 dB(A)		
Power ³	Requirements: 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.; Consumption: 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) ⁴ : 1.257 kWh/Week (Blue Angel); 0.420 kWh/Week (Energy Star 3.0); Power Supply type: Built-in 115V or 220V Power Supply				
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology				
Certifications	Electromagnetic emission standard: CISPR 22:2008 (International) - Class A, EN 55032: 2012 (EU) - Clas 55024: 2010, EMC Directive 2014/30/EU, FCC CFR 4 EMC approvals as required by individual countries. CECP	Electromagnetic emission standard: CISPR 22:2008 (International) - Class A, CISPR32:2012 (International) - Class A, EN 55032: 2012 (EU) - Class A, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010, EMC Directive 2014/30/EU, FCC CFR 47 Part 15 Class A/ICES-003, Issue 6 Class A. Other EMC approvals as required by individual countries. Blue Angel; EPEAT® Silver; CECP; ENERGY STAR® qualified			
Sustainable impact specifications	Mercury free				
Blue Angel compliant	No, please refer to the ECI (Ecolabel Comparison Information) document	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies			
Country of origin	Made in Philippines	Made in Philippines; Made in Japan (201, AAZ); Made in Brazil (696, 697, AC8)	Made in Philippines		
What's in the box ¹	1PV86A 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)	1PV87A 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)	1PV88A 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)		
Warranty	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)				

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.
- 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.

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.
- 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
- 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.
- B 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 Laser Jet or HP Color Laser Jet 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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