HP LaserJet Enterprise M507

Specification:

Print Speed - Black (normal)

Up to 45 ppm (default) ; Up to 52 ppm (HP High Speed)

Printer page yield

[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

First page out (ready) black

As fast as 5.9 sec

Resolution (black)

Up to 1200 x 1200 dpi

Resolution technology

300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200

Monthly duty cycle

Up to 150,000 pages[7]

Recommended monthly page volume

2,000 to 7,500[8]

Print Technology

Laser

Display

2.7-in (6.86 cm) QVGA LCD (color graphics)

Processor speed

1.2 GHz

Number of print cartridges

1 (black)

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

Product disclaimer

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

Print languages

HP PCL 6, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™

Automatic paper sensor

No

Paper trays, standard

2

Paper trays, maximum

5

Mobile Printing Capability

HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™

Connectivity, standard

1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket

Connectivity, optional

HP Jetdirect 2900nw Print Server J8031A

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

Minimum system requirements

2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com;
2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com

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

Memory, standard

512 MB

Memory, maximum

1.5 GB MAX memory, when Accessory DIMM is installed

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)

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

Hard disk

Optional, 500 GB minimum encrypted hard disk drive

Paper handling input, standard

100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing

Paper handling output, standard

250-sheet output bin

Duplex printing

Automatic (standard)

Finished output handling

Sheetfed

Media sizes supported

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 supported

Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet Tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional Automatic Duplexer: A4, RA4, Oficio (216 x 340)

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

Media types

Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough);
envelopes; labels; cardstock; transparencies; user-defined

Supported media weight

Tray 1: 16 to 53 lb; tray 2+: 16 to 32 lb

Media weights by paper path

Tray 1: 60 to 200 g/m²; Tray 2+: 60 to 120 g/m²

Power

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 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[3]

Energy efficiency

CECP; Blue Angel; ENERGY STAR® certified

Operating temperature range

50 to 90.5°F

Operating humidity range

30 to 70% RH

Software included

No software solutions are included in the Box, only on http://hp.com,
http://123.hp.com

FCC

FCC Class A emissions - for use in commercial environments, not residential
environments

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)

Dimensions (W X D X H)

16.46 x 14.80 x 11.77 in

Dimensions Maximum (W X D X H)

16.46 x 25.16 x 11.77 in

Weight

25.5 lb

Package weight

31.7 lb

What's in the box

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)

Cable included

No, please purchase USB cable separately; Yes, 1 USB (APJ region Only)

Sustainability Impact

Mercury free

Dynamic security

Dynamic security enabled printer

Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP chips and electronic circuitry enable the use of reused, remanufactured, and refilled cartridges.

Wireless capability

Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A