



HP Sales Central

HP LaserJet Enterprise M507dn (1PV87A)

Active as of 5/1/2019



Overview

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

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>

List Price

\$957.06

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.

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

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.

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

Replaces

Status	Product Name	Discontinued	SKU
Discontinued	HP LaserJet Enterprise M506dn	08/15/2019	F2A69A

Specifications

Functions

Print

Print speed black (ISO, letter)

Up to 45 ppm (default) ; Up to 52 ppm (HP High Speed) ¹³ 1

Print speed duplex (letter)

Up to 36 ipm

First page out black (letter, ready)

As fast as 5.9 sec

Duty cycle (monthly, letter)

Up to 150,000 pages ⁸ 1

(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.)

3

Recommended monthly page volume

2,000 to 7,500 ⁹ 1

Number of users

5-15 Users

Print technology

Laser

Print quality black (best)

Up to 1200 x 1200 dpi

Processor speed

1.2 GHz

Print languages

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

Display

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

Print colors

No

Number of print cartridges

1 (black)

Mac compatible

Yes

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)

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 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>

Mobile printing capability

Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; ROAM capable for easy printing^{7 1}

Wireless capability

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

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

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).

Minimum System Requirements

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

Minimum System Requirements for Macintosh

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

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>

Memory

512 MB

Maximum Memory

1.5 GB MAX memory, when Accessory DIMM is installed

Memory Slots

1 slot, 90-pin DDR3 Slim DIMM

Internal Storage

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 input, optional

Up to 3 optional 550-sheet paper feeders

Input capacity

Up to 650 sheets

Maximum input capacity (sheets)

Up to 2300 sheets

Paper handling output, standard

250-sheet output bin

Output capacity

Up to 250 sheets

Maximum output capacity (sheets)

Up to 250 sheets

Finished output handling

Sheetfed

Duplex printing

Automatic (standard)

Paper trays, standard

2

Paper trays, maximum

5

Envelope Feeder

No

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, 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

Media weight, supported

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

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 supply type

Built-in 115V or 220V Power Supply

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 Watt³ 1

Typical electricity consumption (TEC) number

1.257 kWh/Week (Blue Angel); 0.420 kWh/Week (Energy Star 3.0)

Ecolabels

Blue Angel; CECP; EPEAT® Gold; ENERGY STAR® qualified

Energy star certified

Yes

Operating temperature range

50 to 90.5°F

Recommended operating humidity range

30 to 70% RH

Minimum dimensions (W x D x H)

16.46 x 14.80 x 11.77 in

Maximum dimensions (W x D x H)

16.46 x 25.16 x 11.77 in

Weight

25.5 lb

UPC number

(201) 193015958142; (BGJ) 192545078856

Package dimensions (W x D x H)

19.6 x 15.7 x 18.4 in

Package weight

31.7 lb

Quantity per pallet

30

Pallet dimensions

47.2 x 39.4 x 97.7 in

Pallet weight

814.3 lb

Country of origin

Made in Philippines; Made in Japan (201, AAZ); Made in Brazil (696, 697, AC8)

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)

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

Software included

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

Manufacturer 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)

Overview

- 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

Specifications

- 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.
- 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.
- 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.

Detailed Specifications

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; X3D03A HP USB Universal Card Reader; Y7C05A HP HIP2 Keystroke Reader; 4QL32A HP Legic Card Reader

Acoustic power emissions (active, printing)

6.9 B(A)

Acoustic power emissions (ready)

3.9 B(A)

Acoustic power footnote number

[15]

Acoustic pressure emissions bystander (active, printing)

55 dB(A)

Acoustic pressure emissions bystander (ready)

25 dB(A)

Additional information about HP

<http://www.hp.com>

Additional information about HP in the countries

hp.com

Automatic paper sensor

No

Best technical electricity consumption (TEC)

1.257 kWh/week

Best technical electricity consumption (TEC) footnote

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.

Best technical electricity consumption (TEC) footnote number

[5]

Blue Angel compliant

Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies

Bottom margin (A4)

4.3 mm

Cable included

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

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>

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>

Connectivity, 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).

Connectivity, standard

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

Control panel

2.7-in (6.86 cm) QVGA LCD (color graphics) display with 24-key pad

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Count of cartons per pallet layer

6

Count of layers in pallet

5

Country of origin

Made in Philippines; Made in Japan (201, AAZ); Made in Brazil (696, 697, AC8)

Datasheet photo 1

Publication photos/1PV87A.jpg

Datasheet photo 4

Publication photos/M507 Walkaround-01.jpg

Display

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

Display area (imperial)

2.13 x 1.59 in

Display area (metric)

54 x 40.5 mm

Downloadable software

From <http://123.hp.com>, HP Easy Start (Guided Software Install for Windows and Mac), From <http://hp.com> for Windows OS, Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From <http://hp.com> for Mac OS, HP Easy Start (Guided Software Install), HP Mac PS Print Driver, HP Easy Admin, For Mobile OS, iOS For more information see <http://hp.com/go/businessmobileprinting>, Android For more information see <http://hp.com/go/businessmobileprinting>, From <http://hp.com> for printer administrators, Printer Administrator Resource Kit (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows, HP ePrint Software (Mobile Driver for Windows), SAP Print Drivers for more information see <http://support.hp.com/us-en/document/c05051702>, HP Web JetAdmin, HP JetAdvantage Security Manager, HP Roam, HPLIP Linux Printer Driver for more information see <http://hplipopensource.com/hplip-web/index.html>, Unix Model Script Printer Driver for more information see <http://hp.com/go/unixmodelscripts>, ReadIris

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go to <http://www.hp.com/support/ljM507>; Outside the US, go to <http://www.hp.com/support> 1 Select the country/region 2 Select Software and Drivers 3 Select Printer 4 Enter a product name/number 5 The operating system is automatically detected 6 Select a driver or other software 7 Then select DOWNLOAD

Duplex printing

Automatic (standard)

Duty cycle (monthly, A4)

Up to 150,000 pages

Duty cycle (monthly, letter)

Up to 150,000 pages

Duty cycle footnote number

[8]

Duty cycle note

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.

Dynamic security

Dynamic security enabled printer

Ecolabels

Blue Angel; CECP; EPEAT® Gold; ENERGY STAR® qualified

Ecolabels footnote number

[11]

Electromagnetic compatibility

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.

Energy savings feature technology

HP Auto-On/Auto-Off Technology; Instant-on Technology

Energy star certified

Yes

Envelope Feeder

No

FCC Class A emissions

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

Finished output handling

Sheetfed

First page out black (A4, ready)

As fast as 5.9 sec

First page out black (A4, sleep)

As fast as 10 sec

First page out black (letter, ready)

As fast as 5.9 sec

First page out black (letter, sleep)

As fast as 10 sec

First page out footnote number

[14]

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>

Functions

Print

Image legal disclaimer

Product image may differ from actual product

Input capacity

Up to 650 sheets

Internal Storage

Optional, 500 GB minimum encrypted hard disk drive

Left margin (A4)

4.3 mm

Mac compatible

Yes

Manufacturer 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)

Maximum dimensions (W x D x H)

16.46 x 25.16 x 11.77 in

Maximum dimensions (W x D x H)

418 x 639 x 299 mm

Maximum input capacity (sheets)

Up to 2300 sheets

Maximum Memory

1.5 GB MAX memory, when Accessory DIMM is installed

Maximum metric depth

639

Maximum metric height

299

Maximum metric width

418

Maximum output capacity (sheets)

Up to 250 sheets

Maximum print area

212 x 352 mm

Media size, 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); 76.2 x 127 to 215.9 x 355.6 mm

Media size, tray 2

A4; A5; A6; RA4; B5 (JIS); B6 (JIS); Oficio (216 x 340); 16K, postcards (JIS double); 105 x 148 to 215.9 x 355.6 mm

Media size, tray 3

A4; A5; A6; RA4; B5 (JIS); B6 (JIS); Oficio (216 x 340); 16K; postcards (JIS double); 105 x 148 to 215.9 x 355.6 mm

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 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, key

10 x 15 cm; A4; Envelopes

Media sizes supported, key

4 x 6 in; Letter; Legal; Envelopes

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 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

Media type and capacity, tray 1

Sheets: 100; Transparencies: 50; Envelopes: 10

Media type and capacity, tray 2

Sheets: 550

Media type and capacity, tray 3

Sheets: 550

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/m²

Media weight (tray 2)

60 to 120 g/m²

Media weight (tray 3)

60 to 120 g/m²

Media weight, supported

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

Media weight, supported

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

Memory

512 MB

Memory Slots

1 slot, 90-pin DDR3 Slim DIMM

Memory upgrade

Expandable to 1.5 GB through one 90-pin SlimDIMM accessory

Metric depth

376

Metric height

299

Metric width

418

Minimum dimensions (W x D x H)

16.46 x 14.80 x 11.77 in

Minimum dimensions (W x D x H)

418 x 376 x 299 mm

Minimum System Requirements

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

Minimum System Requirements for Macintosh

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

Mobile printing capability

Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; ROAM capable for easy printing

Mobile printing capability footnote number

[7]

Network capabilities

HP Jetdirect 2900nw Print Server J8031A

Network protocols, supported

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

Number of print cartridges

1 (black)

Number of users

5-15 Users

Operating humidity range

10 to 80% RH

Operating temperature range

10 to 32.5°C

Operating temperature range

50 to 90.5°F

Orderable supplies

CF289A HP 89A Black Original LaserJet Toner Cartridge; CF289X HP 89X High Yield Black Original LaserJet Toner Cartridge; CF289Y HP 89Y Extra High Yield Black Original LaserJet Toner Cartridge

Output capacity

Up to 250 sheets

Package dimensions (W x D x H)

19.6 x 15.7 x 18.4 in

Package dimensions (W x D x H)

497 x 398 x 466 mm

Package weight

14.3 kg

Package weight

31.7 lb

Page yield footnote number

[6]

Pallet dimensions

47.2 x 39.4 x 97.7 in

Pallet dimensions (W x D x H)

1200 x 1000 x 2481 mm

Pallet weight

369.4 kg

Pallet weight

814.3 lb

Paper handling input, optional

Up to 3 optional 550-sheet paper feeders

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

Paper trays, maximum

5

Paper trays, standard

2

Plug and play

HP Smart Install

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

Power consumption footnote number

[3]

Power supply type

Built-in 115V or 220V Power Supply

Print colors

No

Print languages

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

Print quality black (best)

Up to 1200 x 1200 dpi

Print quality black (normal)

Up to 600 x 600 dpi

Print resolution black (fine lines)

Up to 1200 x 1200 dpi

Print Resolution Technologies

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

Print speed

Print speed up to 45 ppm (black)

Print speed (A4/letter) footnote number

[13]

Print speed black (ISO, A4)

Up to 43 ppm (default) ; Up to 50 ppm (HP High Speed)

Print speed black (ISO, letter)

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

Print speed black (Landscape, A5)

Up to 65 ppm

Print speed duplex (A4)

Up to 34 ipm

Print speed duplex (letter)

Up to 36 ipm

Print speed footnote (A5)

Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Print technology

Laser

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)

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

Processor speed

1.2 GHz

Product note

FCC Class A emissions device for use in commercial environments, not residential environments[9]

Quantity per pallet

30

Recommended media weight (duplex)

16 to 32 lb

Recommended media weight (duplex)

60 to 120 g/m²

Recommended monthly page volume

2,000 to 7,500

Recommended monthly page volume footnote number

[9]

Recommended operating humidity range

30 to 70% RH

Recommended operating temperature range

15 to 27°C

Recommended operating temperature range

59 to 80.6°F

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

Right margin (A4)

4.3 mm

RMN number

BOISB-1807-00

Safety

IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +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 UC 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.

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 accessible in ArcSight, Splunk, and McAfee(ESM) SIEMs

Software included

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

Standard input capacity (envelopes)

Up to 10

Standard media sizes (duplex)

A4; Oficio; RA4

Standard media sizes (duplex, imperial)

Letter; Legal; Oficio (8.5 x 13 in)

Standard output capacity (envelopes)

Up to 10 envelopes

Standard output capacity (transparencies)

Up to 75 sheets

Storage device and direct print support

Front-facing USB/Flash drive; USB printing

Storage temperature range

-20 to 40°C

Storage temperature range

-4 to 104°F

Supplies feature

HP JetIntelligence Cartridge

SureSupply footnote number

[10]

SureSupply supported

Yes

Sustainable impact specifications

Mercury free

Target user and print volume

For teams up to 15 users; Prints up to 7,500 pages/month

Tariff numbers

(AMS) 8443321010; (EMEA) 8443321010; (APJ) 84433231

Tech spec footnote

[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>.

Tech spec footnote

[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>.

Tech spec footnote

[11] EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

Tech spec footnote

[12] Configuration tested: base model, simplex printing, A4 paper at an average of 43 ppm

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[15] Configuration tested: base model, simplex printing, A4 paper at an average of 43 ppm.

Tech spec footnote

[2] With print cartridges

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[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>

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[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.

Technology logo, print 1

Publication logos/AMS_EnergyStar.jpg

Technology logo, print 2

Publication logos/AMS_windows_10.jpg

Technology logo, print 3

Publication logos/AMS_mac_hires.jpg

Technology logo, print 4

Publication logos/AMS_AirPrint.jpg

Technology logo, print 5

Publication logos/AMS_Mopria.jpg

Technology logo, print 6

Publication logos/AMS_hp_eprint.jpg

Top key features

Front-facing USB printing; Roam; Two-sided printing

Top margin (A4)

4.3 mm

Tray capacity

650

Typical electricity consumption (TEC) footnote

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.

Typical electricity consumption (TEC) footnote number

[4]

Typical electricity consumption (TEC) number

1.257 kWh/Week (Blue Angel); 0.420 kWh/Week (Energy Star 3.0)

UNSPSC code

43212105

UPC number

(201) 193015958142; (BGJ) 192545078856

Warm-up time

150 sec

Web address for additional information

Solutions: <http://www.hp.com/go/gsc>; Fonts and IPDS Emulation: <http://www.hp.com/go/laserjetfonts>; HP Web Jetadmin: <http://www.hp.com/go/wja>; HP Universal Print Driver: <http://www.hp.com/go/upd>; HP Imaging & Printing Security Center: <http://www.hp.com/go/ipsc>; On Demand Cloud Solutions: <http://www.hpjetadvantage.com/ondemand>

Weight

11.48 kg

Weight

25.5 lb

Weight (imperial) footnote number

[2]

Weight note (imperial)

With print cartridges

Weight note (metric)

With print cartridges

What is in the box footnote number

[1]

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)

Wireless capability

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

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