HP LaserJet Enterprise M506dn (F2A69A)

Active as of 10/1/2015

Overview

Finish tasks faster with a printer that starts right away and helps conserve energy. [1] Multi-level device security helps protect from threats. [7] Original HP Toner cartridges with JetIntelligence and this printer produce more high-quality pages. [2]

List Price

$957.06

Accelerate your work and use less energy

Don't wait for documents. Print your first page in as few as 8.5 seconds from energy-efficient sleep mode.

This printer leads its class in low energy use—thanks to its innovative design and toner technology. [5]

Speed through jobs on a variety of media. Print two-sided documents almost as quickly as one.

Unparalleled fleet security and management

Embedded features detect security threats and heal your printer, protecting it from boot up to shutdown. [7]

Protect sensitive data stored on the printer and in transit, using embedded and optional security features. [7]

Protect sensitive business data with embedded and optional HP JetAdvantage Security Solutions. [9]

More. Pages, Performance, and Protection.

Produce sharp text, bold blacks, and crisp graphics with precision black toner.

Get more. Original HP Toner with JetIntelligence delivers more pages per cartridge than predecessors. [2]

Help ensure the Original HP quality you paid for with anti-fraud and cartridge authentication technology.

Stay connected with secure mobile printing options

Use optional, 128-bit encrypted wireless direct printing from mobile devices—no network needed. [11]

Add the option to print with a touch of your NFC-enabled mobile device to this printer—no network needed. [12]

Easily access, print, and share resources with Ethernet and optional wireless networking. [10]

Fast wake-up and print

Print the first page from sleep mode as fast as 8.0 seconds

Original HP Toner cartridges with JetIntelligence

Get more pages, performance, and protection out of your printer—using Original HP Toner cartridges with JetIntelligence.

Fast two-sided printing

Print two-sided documents as fast as 36 ipm (images per minute)

Optional print from mobile devices

Print from a variety of smartphones, tablets and laptops

Improve uptime with added input capacity

Save time by refilling paper less often with an optional paper input

Keep fleet security covered

Protect sensitive business data with embedded and optional HP JetAdvantage security solutions.

Low energy use

This printer is optimized for low energy consumption

tray.

Prints in a flash, savings that last

Print right away with Instant-on Technology.

Replaces

Status	Product Name	Discontinued	SKU
Discontinued	HP LaserJet Enterprise P3015dn Printer	03/08/2016	CE528A
Discontinued	HP LaserJet Enterprise P3015d Printer	07/06/2011	CE526A

Specifications

Functions
Print

Print speed black (normal, letter)
Up to 45 ppm [18]

Print speed duplex (letter)
Up to 36 ipm

First page out black (letter, ready)
As fast as 5.9 sec; As fast as 11.3 sec (100 V)

Duty cycle (monthly, letter)
Up to 150,000 pages [7]

Recommended monthly page volume
2000 to 7500 [8]

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 PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7)

Display
4-line LCD (color graphics)

Print colours
No

Number of print cartridges
1 (black)

Mac compatible
Yes

Printer management
Printer Management; Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP JetAdvantage Security Manager.

Security management

Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in

Fonts and typefaces

105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscriopt 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

HP ePrint capability

Yes

Mobile printing capability

HP ePrint; Apple AirPrint™; Mopria™-certified [16]

(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 hp.com/go/mobileprinting.)

Wireless capability

Optional, enabled with purchase of a hardware accessory

Connectivity, standard

Hi-Speed USB 2.0 port; built-in Fast Ethernet 10Base-T/100Base-Tx, Gigabit Ethernet 1000Base-T

Connectivity, optional

HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect 2900nw Print Server J8031A

Network ready

Standard (built-in Gigabit Ethernet)

Minimum system requirements

Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (For OS hardware requirements see http://www.microsoft.com)

Minimum system requirements for Macintosh

Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB available hard disk; OS compatible hardware (For OS hardware requirements see http://www.apple.com)

Compatible operating systems

Windows OS compatible with In-Box Driver: Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com): Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc), Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from http://www.hp.com and Apple Store): OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Mobile OS (In-OS drivers): iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP): SUSE Linux (12.2, 12.3, 13.1), Fedora (17, 18, 19, 20), Linux Mint (13, 14, 15, 16, 17), Boss (3.0, 5.0), Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10), Debian (6.0.x, 7.x); Other OS: UNIX [11]

Compatible network operating systems

Windows OS compatible with In-Box Driver: Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server

2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from HP.com: Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003R2): Citrix MetaFrame Presentation Server, 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix (on Windows Server 2008/2008 R2): Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/7.0/7.5, Citrix (on Windows Server 2012/2012R2), Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers (http://www.novell.com/iprint): Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8; Novell Clients (http://www.novell.com/iprint): Windows 8 (32-bit / 64-bit) recommend v5.86+, 8.1 recommend v5.94+, Windows 7 (32-bit / 64-bit) recommend v5.82+, Windows Vista (32-bit / 64-bit) recommend v5.82+, Windows XP / SP3 (32-bit only) recommend v5.82+

Memory, standard
512 MB

Memory, maximum
1.5 GB

Memory slots
1 slot, 90-pin, DDR3 SlimDIMM

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 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, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monarch); Tray 2: letter, legal, executive, 8.5 x 13; Optional trays 3+: letter, legal, executive, 8.5 x 13 in; Optional Automatic Duplexer: letter

Media sizes, custom
Tray 1: 3 x 5 to 8.5 x 14 in; 550-sheet input Tray 2: 4.1 x 5.8 to 8.5 x 14 in; optional

550-sheet input Tray 3+: 4.1 x 5.8 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: 100 to 127 VAC, 60 Hz; Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, power supply varies by part number with #option code identifier)

Power supply type

Internal (Built-in) power supply

Power consumption

741.98 watts (Active Printing), 13.72 watts (Ready), 2.51 watts (Sleep), 0.08 watts (Auto-Off), 0.08 watts (Off) [2]

Typical electricity consumption (TEC) number

1.824 kWh/Week (Blue Angel); 1.886 kWh/Week (Energy Star)

Energy efficiency

ENERGY STAR® certified; Blue Angel; CECP; EPEAT®

ENERGY STAR® certified

Yes

Operating temperature range

59 to 90.5°F

Operating humidity range

30 to 70% RH

Minimum dimensions (W x D x H)

16.46 x 14.80 x 11.73 in

Maximum dimensions (W x D x H)

16.46 x 25.16 x 11.73 in

Weight

25.9 lb

UPC number

(201) 888793425732; (AAZ) 888793425749; (BGJ) 888793425756

Package dimensions (W x D x H)

19.6 x 15.7 x 18.4 in

Package weight

32.1 lb

Quantity per pallet

30

Pallet dimensions

47.2 x 39.4 x 97.7 in

Pallet weight

814.3 lbs

Country of origin

Made in Philippines; Japan (F2A69A#201, #AAZ); Brazil (F2A69A#696, #697); China (F2A69A#AB2)

What's in the box

HP LaserJet M506 Printer
Introductory HP Black LaserJet Toner Cartridge (~6000 pages)
CDs containing software and electronic documentation
Warranty Guides
HIGS
Erratas

Cable included

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

Replacement cartridges

HP 87A Black Original LaserJet Toner Cartridge (~9000 pages) CF287A, HP 87X
Black Original LaserJet Toner Cartridge (~18,000 pages) CF287X

Software included

For Windows OS: HP Software Installer/Uninstaller
HP PCL 6 Printer Driver
HP Device Experience (DXP)
HP Update
Product Registration Assist
HP Web Services Assist (HP Connected)
Online user manuals; For Mac OS: Welcome Screen (Directs users to
http://www.HP.com or OS App Source for LaserJet Software)

Warranty

NA/EMEA: One-year, next-business day, onsite warranty. Warranty and support
options vary by product, country and local legal requirements. Go to hp.com/support
to learn about HP award winning service and support options in your region; AP: One
year return to bench

Overview

1 Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see http://www.hp.com/go/Ljclaims

2 More pages versus predecessor cartridges claim based on page-yield comparison of HP 55X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see http://www.hp.com/go/learnaboutsupplies

5 Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see http://www.hp.com/go/Ljclaims

7 Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity

9 Some solutions require download or additional purchase. Learn more at http://www.hp.com/go/printingsolutions

10 Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

11 Wireless direct printing is standard on the HP LaserJet Enterprise M506x only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506n/dn. Mobile device needs to be connected directly to the WiFi network of a wireless direct–capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see http://www.hp.com/go/businessmobileprinting

12 Touch-to-print capability is standard on the HP LaserJet Enterprise M506x only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506n/dn. Mobile device must support Near Field Communication (NFC)–enabled printing. For more information, see http://www.hp.com/go/businessmobileprinting

Specifications

2 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.

7 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.

8 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.

11 Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and Scan drivers only; Windows RT OS for Tablets (32- & 64-bit) uses a simplified HP print driver built into the RT OS; UNIX modelscripts are available on HP.com (Modelscripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software

16 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.

18 Measured using ISO/IEC 24734, 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, and document complexity.

Brochure (11)

HP FutureSmart brochure
This technology brief describes in detail the features and benefits of HP FutureSmart firmware.

Leading the way through a responsible materials strategy
HP's materials strategy aligns the products and solutions we deliver with the core values we uphold.

Building leading technology solutions through a leading materials strategy
HP's materials strategy aligns the products and solutions we deliver with the core values we uphold.

HP LaserJet with JetIntelligence technology. Brochure (LTR)
A brochure introducing the new HP LaserJets with Original HP Toner cartridges with JetIntelligence, including performance and design features, information about JetIntelligence toner cartridges, and HP JetAdvantage Private Print.

HP LaserJet with JetIntelligence technology. Brochure (A4)
A brochure introducing the new HP LaserJets with Original HP Toner cartridges with JetIntelligence, including performance and design features, information about JetIntelligence toner cartridges, and HP JetAdvantage Private Print.

HP OfficeJet Pro, PageWide, and LaserJet. Brochure (A4)
Highlights the features and benefits of HP PageWide and HP LaserJet with JetIntelligence, as well as their relative differences and how they beat the competition.

HP OfficeJet Pro, PageWide, and LaserJet. Brochure (LTR)
Highlights the features and benefits of HP PageWide and HP LaserJet with JetIntelligence, as well as their relative differences and how they beat the competition.

HP Secure Managed Print Services. Brochure (A4)
Customer-facing brochure explaining the risks of unsecured printing and imaging environments and the benefits of HP Secure Managed Print Services (MPS). HP MPS provides the advanced protections you need with the most comprehensive security.

HP Secure Managed Print Services. Brochure (LTR)
Customer-facing brochure explaining the risks of unsecured printing and imaging environments and the benefits of HP Secure Managed Print Services (MPS). HP MPS provides the advanced protections you need with the most comprehensive security.

The next-generation A3 portfolio. Brochure (A4)
A brochure describing HP's improved managed print services offering for potential customers. Describes new HP A3 PageWide and LaserJet devices, accessories, and industry-leading security features.

The next-generation A3 portfolio. Brochure (LTR)
A brochure describing HP's improved managed print services offering for potential customers. Describes new HP A3 PageWide and LaserJet devices, accessories, and industry-leading security features.

Data sheet (3)

HP LaserJet Enterprise M506 Series Printer
4 page for the HP LaserJet Enterprise M506 series Printer.

Enterprise embedded security features. Compatibility matrix (A4)
This compatibility matrix identifies the supported HP Enterprise LaserJet printing devices with embedded security features such as HP Sure Start, whitelisting, and run-time intrusion detection.

Enterprise embedded security features. Compatibility matrix (LTR)
This compatibility matrix identifies the supported HP Enterprise LaserJet printing devices with embedded security features such as HP Sure Start, whitelisting, and run-time intrusion detection.

Product family guide (2)

HP printers, MFPs, and all-in-ones. Selection guide
Selection guide providing business customers the information they need to choose the right HP LaserJet or Officejet printer or MFP for their work teams, workgroups, and departments. Includes qualifying questions and tables comparing device features.

HP LaserJet Enterprise M506 series. Product guide
Learn everything you need to know about the HP LaserJet Enterprise M506 series, including key features and benefits, a product walk around, ordering information, and technical specifications.

Solution brief (4)

HP JetAdvantage Connect. Solution brief (A4)
A 2-page brief describing HP JetAdvantage Connect. This solution helps keep your fleet secure and reduces the work it takes to set up and manage mobile printing.

HP JetAdvantage Connect. Solution brief (LTR)
A 2-page brief describing HP JetAdvantage Connect. This solution helps keep your fleet secure and reduces the work it takes to set up and manage mobile printing.

HP SIEM enablement. Solution brief (A4)
Keep on top of printer security with HP SIEM (Security Information and Event Management) enablement. Leverage your existing security tools to increase print security.

HP SIEM enablement. Solution brief (LTR)
Keep on top of printer security with HP SIEM (Security Information and Event Management) enablement. Leverage your existing security tools to increase print security.

Solution overview (2)

HP Print Security. Solution Overview (A4)
A solution overview brochure which explains the importance of print security and how to reduce security risks with the embedded security features in HP devices and a broad portfolio of HP JetAdvantage Security Solutions.

HP Print Security. Solution Overview (LTR)
A solution overview brochure which explains the importance of print security and how to reduce security risks with the embedded security features in HP devices and a broad portfolio of HP JetAdvantage Security Solutions.

Success story (5)

Principal: HP MPS solution expands to improve security, mobility
Principal is building on its HP MPS foundation with HP Access Control and HP Capture and Route to help boost document security, reduce waste and simplify scanning.

Autoliv ASP optimizes workflows, cuts costs with HP Managed Print Services
HP Managed Print Services helps Autoliv ASP improve business process through consolidation, automatic toner re-ordering, workflow tracking with HP Web Jetadmin, and HP Virtual Print center for large volume, specialty printing.

Palo Alto Unified School District enables flexible print policy with HP MPS
Palo Alto Unified School District selected HP Managed Print Services (MPS) to help cut costs, improve productivity, and simplify management of its print infrastructure.

HP MPS aids in efficient healthcare at Houston Healthcare while reducing costs
Houston Healthcare, a non-profit healthcare system in Georgia, streamlined costs without impacting quality of care and improved efficiencies with HP Managed Print Services. Implementing HP MPS has reduced print costs at Houston Healthcare by 48%.

HP MPS provides visibility into printing for Kelly-Moore Paints
Kelly-Moore Paints has 150 company-owned retail stores in seven states. The company has reduced internal printing costs by 60% with HP Managed Print Services. They know how much is being printed and that each location receives quality printer service.

Technical brief (2)

HP Enterprise embedded print security features. Technical brief (A4)
A technical brief describing HP embedded print security features--HP Sure Start, Whitelisting, and Run-time intrusion detection--and how they work together with HP JetAdvantage Security Manager to protect, detect, and recover from attacks.

HP Enterprise embedded print security features. Technical brief (LTR)
A technical brief describing HP embedded print security features--HP Sure Start, Whitelisting, and Run-time intrusion detection--and how they work together with HP JetAdvantage Security Manager to protect, detect, and recover from attacks.

Technical white paper (4)

Printer Security considerations
A technical white paper that shows the importance of the security aspects to consider when assessing print solutions. The purpose of the document is to provide specific aspects of printing security to consider when purchasing print solutions.

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HP SureStart, whitelisting and intrusion detection security features

This document talks about the HP SureStart, Whitelisting and Runtime Intrusion Detection features These are firmware based and do not require any external dependencies. There are no configuration options and the features are always on by default.

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Images - Product (6)

Center facing

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100 x 70 (jpg)	96 x 72 (jpg)
96 x 72 (png)	99 x 74 (png)
153 x 115 (png)	180 x 135 (png)
240 x 180 (jpg)	240 x 180 (png)
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Top view closed

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Videos (9)

HP LaserJet 500 series with JetIntelligence—The world"s most secure printers

HP LaserJet 400 and 500 series with JetIntelligence—Fastest two-sided printing in class

Hacker disruption video identifying security vulnerabilities at LES Security Event

Original HP Toner cartridges with JetIntelligence

Self-healing printer security features—only from HP

HP LaserJet Enterprise M506x printer highlights

HP Printing Reinvented Spring Launch LaserJet announcement

Defend your network with the world"s most secure printers

Security risks and HP JetAdvantage solutions

Cabinets and Stands

Printer Cabinets and Stands

Active	HP LaserJet Printer Cabinet	F2A73A

Cables/Cable Kits/Cable Adapters

Port Cables and Cable Adapters

Active	HP Internal USB Ports	B5L28A
Active	HP Internal USB Ports	F2A87A

Memory

DDR Memory

Active	HP 1 GB 90-pin DDR3 DIMM	G6W84A

Paper Handling

Input Trays

Active	HP LaserJet 550-sheet Paper Tray	F2A72A

PC Drives and Storage

EIO Hard Drives

Active	HP High-Performance Secure Hard Disk	B5L29A

Security and Protection

Security Devices

Active	HP Trusted Platform Module Accessory	F5S62A

Network Print Servers

External Print Servers

Active	HP Jetdirect 2900nw Print Server	J8031A
Active	HP Jetdirect 3000w NFC/Wireless Accessory	J8030A

HP Care Services

Hardware Installation Services

Active	HP Installation Service with network configuration for Personal Scanner and Printer (1 unit)	U9JT1E

Hardware Support Services

Active	HP 1 year Post Warranty 2nd business day CTR + Defective Media Retention Lsrjt M506 HardwareSupport	U8PM3PE
Active	HP 1 year Post Warranty Channel Remote with Parts LaserJet M506 Service	U8PM2PE
Active	HP 1 year Post Warranty Next Business Day + Defective Media Retention LaserJet M506 Hardware Support	U8PL9PE
Active	HP 1 year Post Warranty Next Business Day Exchange LaserJet M506 Service	U8PM1PE
Active	HP 2 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support	U8PK2E
Active	HP 2 year Post Warranty Next Business Day + Defective Media Retention LaserJet M506 Hardware Support	U8PM0PE
Active	HP 3 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support	U8PK3E
Active	HP 3 year Next Business Day Call to Repair+Defective Media Retention LaserJet M506 Hardware Support	U8PL3E
Active	HP 3 year Next Business Day Channel Remote with Parts LaserJet M506 Service	U8PL0E
Active	HP 3 year Next Business Day Exchange LaserJet M506 Service	U8PK7E
Active	HP 4 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support	U8PK4E
Active	HP 4 year Next Business Day Call to Repair+Defective Media Retention LaserJet M506 Hardware Support	U8PL4E
Active	HP 4 year Next Business Day Channel Remote with Parts LaserJet M506 Service	U8PL1E
Active	HP 4 year Next Business Day Exchange LaserJet M506 Service	U8PK8E
Active	HP 5 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support	U8PK5E
Active	HP 5 year Next Business Day Call to Repair+Defective Media Retention LaserJet M506 Hardware Support	U8PL5E
Active	HP 5 year Next Business Day Channel Remote with Parts LaserJet M506 Service	U8PL2E
Active	HP 5 year Next Business Day Exchange LaserJet M506 Service	U8PK9E

HP Laser Toner Cartridges and Kits

HP Black and White Laser Toner Printer Cartridges

Active	HP 87A Black Original LaserJet Toner Cartridge	CF287A
Active	HP 87X High Yield Black Original LaserJet Toner Cartridge	CF287X

HP Paper Designed for Laser Printers

HP Laser Brochure Paper

Active	HP Laser Glossy Brochure Paper 150 gsm-150 sht/Letter/8.5 x 11 in	Q6611A
Active	HP Laser Glossy Brochure Paper 150 gsm-300 sht/Letter/8.5 x 11 in	X3E84A
Active	HP Laser Glossy Brochure Paper 200 gsm-100 sht/Letter/8.5 x 11 in	Q6608A
Active	HP Laser Glossy Tri-fold Brochure Paper 150 gsm-150 sht/Letter/8.5 x 11 in	Q6612A
Active	HP Laser Matte Brochure Paper 150 gsm-150 sht/Letter/8.5 x 11 in	Q6543A
Active	HP Laser Matte Brochure Paper 200 gsm-100 sht/Letter/8.5 x 11 in	Q8824A

HP Laser Everyday Paper

Active	HP LaserJet Paper-5 reams/Letter/8.5 x 11 in	HPJ115R
Active	HP LaserJet Paper-500 sht/Letter/8.5 x 11 in	HPJ1124P
Active	HP Premium Choice LaserJet Paper-6 reams/Letter/8.5 x 11 in	HPU1132
Active	HP Premium Choice LaserJet Paper-500 sht/Letter/8.5 x 11 in	HPU1132P

HP Laser Presentation Paper

Active	HP Premium Glossy Presentation Paper 120 gsm-250 sht/Letter/8.5 x 11 in	CG988A

HP Professional Laser Paper

Active	HP Professional Glossy Laser Paper 120 gsm-250 sht/A4/210 x 297 mm	CG964A
Active	HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm	CG965A
Active	HP Professional Glossy Laser Photo Paper 200 gsm-100 sht/A4/210 x 297 mm	CG966A

HP Paper for Multiple Uses

HP Minority Business Enterprise Paper

Active	HP Business Copy Paper-10 reams/Letter/8.5 x 11 in	HPBC11

HP Multipurpose Paper

Active	HP Multipurpose Paper-5 reams/Letter/8.5 x 11 in	HPM115R
Active	HP Multipurpose Paper-5 reams/Letter/8.5 x 11 in	HPM115RC
Active	HP Multipurpose Paper-10 reams/3-hole punched/Letter/8.5 x 11 in	HPM113H
Active	HP Multipurpose Paper-10 reams/Legal/8.5 x 14 in	HPM1420
Active	HP Multipurpose Paper-500 sht/A4/210 x 297 mm	CHP225
Active	HP Multipurpose Paper-500 sht/Legal/8.5 x 14 in	HPM1420P
Active	HP Multipurpose Paper-500 sht/Letter/8.5 x 11 in	HPM1120
Active	HP Multipurpose Paper-500 sht/Letter/8.5 x 11 in	HPM1120R

HP Multi-use Everyday Paper

Active	HP All-in-One Paper-5 reams/Letter/8.5 x 11 in	HPT115
Active	HP All-in-One Paper-10 reams/Letter/8.5 x 11 in	HPT1122
Active	HP All-in-One Printing Paper-250 sht/A4/210 x 297 mm	CHP712
Active	HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm	CHP710
Active	HP Copy Paper 80 gsm-500 sht/A4/210 x 297 mm	CHP910
Active	HP Everyday Copy and Print Paper-500 sht/Letter/8.5 x 11 in	HPA510
Active	HP Hi White Everyday Paper-5 reams/A4/210 x 297 mm	Q2400A
Active	HP Hi White Everyday Paper-5 reams/Letter/8.5 x 11 in	Q2398A
Active	HP Home and Office Paper-500 sht/A4/210 x 297 mm	CHP150
Active	HP Office Paper-5 reams/Letter/8.5 x 11 in	HPC115R
Active	HP Office Paper-10 reams/3-hole punched/Letter/8.5 x 11 in	HPC3HP
Active	HP Office Paper-10 reams/Legal/8.5 x 14 in	HPC8514
Active	HP Office Paper-10 reams/Letter/8.5 x 11 in	HPC8511
Active	HP Office Paper-500 sht/A4/210 x 297 mm	CHP110
Active	HP Office Paper-2500 sht/A4/210 x 297 mm	CHP113
Active	HP Office Quickpack-2500 sht/Letter/8.5 x 11 in	HP2500S
Active	HP Premium Choice Paper-500 sht/A4/210 X 297 mm	CHP812
Active	HP Printing Paper 90 gsm-500 sht/A4/210 x 297 mm	CHP235
Active	HP Printing Paper-500 sht/A4/210 x 297 mm	CHP210
Active	HP Printing Paper-2500 sht/A4/210 x 297 mm	CHP215

HP Recycled Paper

Active	HP Recycled Paper 80 gsm-500 sht/A4/210 x 297 mm	CHP830
Active	HP Recycled Paper-10 reams/Letter/8.5 x 11 in	HPE1120
Pre-release	HP Recycled Paper-500 sht/Letter/8.5 x 11 in	HPE1120R

Accessories

HP LaserJet 550-sheet Paper Tray F2A72A,HP LaserJet Printer Cabinet F2A73A, 1GB DDR3 SlimDIMM G6W84A, HP Secure High Performance Hard Disk Drive B5L29A, HP Trusted Platform Module Accessory F5S62A, HP Internal USB Ports for M506, M527 F2A87A, HP Internal USB Ports B5L28A, HP Jetdirect 2900nw Print Server (USB) J8031A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A

Acoustic power emissions

6.8 B(A)

Acoustic power emissions (ready)

4.0 B(A)

Acoustic power footnote number

[6]

Acoustic pressure emissions bystander (active, printing)

54 dB(A)

Acoustic pressure emissions bystander (ready)

24 dB(A)

Automatic paper sensor

No

Best technical electricity consumption (TEC)

1.605 kWh/Week

Best technical electricity consumption (TEC) footnote number

[4]

Blue Angel (sleep mode)

2.51 W

Bottom margin (A4)

5 mm

Cable included

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

Code name

Yellowtail

Compatible network operating systems

Windows OS compatible with In-Box Driver: Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from HP.com: Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003R2): Citrix MetaFrame Presentation Server, 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix (on Windows Server 2008/2008 R2): Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/7.0/7.5, Citrix (on Windows Server 2012/2012R2), Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers (http://www.novell.com/iprint): Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8; Novell Clients (http://www.novell.com/iprint): Windows 8 (32-bit / 64-bit) recommend v5.86+, 8.1 recommend v5.94+, Windows 7 (32-bit / 64-bit) recommend v5.82+, Windows Vista (32-bit / 64-bit) recommend v5.82+, Windows XP / SP3 (32-bit only) recommend v5.82+

Compatible operating systems

Windows OS compatible with In-Box Driver: Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com): Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc), Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from http://www.hp.com and Apple Store): OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Mobile OS (In-OS drivers): iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP): SUSE Linux (12.2, 12.3, 13.1), Fedora (17, 18, 19, 20), Linux Mint (13, 14, 15, 16, 17), Boss (3.0, 5.0), Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10), Debian (6.0.x, 7.x); Other OS: UNIX

Connectivity, optional

HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect 2900nw Print Server J8031A

Connectivity, standard

Hi-Speed USB 2.0 port; built-in Fast Ethernet 10Base-T/100Base-Tx, Gigabit Ethernet 1000Base-T

Control panel

4-line color LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, Home, 12-key and Help); 3 LED indicator lights (Attention, Ready, Busy)

Count of cartons per pallet layer

6

Count of layers in pallet

5

Country of origin

Made in Philippines; Japan (F2A69A#201, #AAZ); Brazil (F2A69A#696, #697); China (F2A69A#AB2)

Datasheet publication number

4AA5-9781ENUC

Dimension footnote number

[12]

Display

4-line LCD (color graphics)

Display area (imperial)

1.875 x 0.75 in

Display area (metric)

48 x 19 mm

Downloadable software

From 123.hp.com: HP Easy Start (Guided Software Install for Windows and Mac); From HP.com for Windows OS: Full-solution software and drivers (Same solution as "Software Included"), HP PLC 6 print driver only (No installer; for "Add Printer" installs), HP PCL 6 print driver with installer, Product Documentation and Support; From HP.com for Mac OS: Full-solution software and drivers; For Mobile OS: See "HP Mobile Printing" (http://www8.hp.com/us/en/ads/mobility/overview.html); From In-OS app stores: HP recommended printer drivers and software; From HP.com for printer administrators: Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator), HP Universal Print Drivers (PCL6, PCL5 & PS for Windows), HP ePrint Software (ePrint Mobile Driver for Windows), Linux/Unix Print Drivers, SAP (PCL 5 and PS Print Drivers), HP Web JetAdmin Software, HP Proxy Agent Software, HP JetAdvantage Security Manager.

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go http://www.hp.com/support/ljM506; Outside the US, go http:www.hp.com/support; 1. Go to http://www.hp.com/support. Select the country/region; 2. Select Drivers & Downloads; 3. Enter a product name/number; 4.

Under Download Options, select Drivers, Software & Firmware; 5. Select the operating system version; 6. 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
[7]

Electromagnetic compatibility
CISPR 22:2008 (International) - Class A, EN 55022: 2010 (EU) - Class A, EN 61000-3-2: 2006 +A1: 2009 +A2: 2009, EN 61000-3-3: 2008, EN 55024: 2010, EMC Directive 2004/108/EC, FCC CFR 47 Part 15 Class A/ICES-003, Issue 5 Class A. Other EMC approvals as required by individual countries.

Energy efficiency
ENERGY STAR® certified; Blue Angel; CECP; EPEAT®

Energy savings feature technology
HP Auto-On/Auto-Off Technology; Instant-on Technology

ENERGY STAR® certified
Yes

Envelope feeder
No

Environmental
Mercury free

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

Feature supporting point footnote number
[14]

Feature supporting point footnote number
[15]

Feature supporting point footnote number
[16]

Feature supporting point footnote number
[17]

Feature supporting point footnote number
[18]

Finished output handling
Sheetfed

First page out black (A4, ready)
As fast as 6.0 sec; As fast as 11.5 sec (100 V)

First page out black (A4, sleep)
As fast as 8.1 sec ; As fast as 13.7 sec (100 V)

First page out black (letter, ready)
As fast as 5.9 sec; As fast as 11.3 sec (100 V)

First page out black (letter, sleep)
As fast as 8.0 sec ; As fast as 13.3 sec (100 V)

First page out footnote number
[19]

Fonts and typefaces

105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscriopt 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

Hard disk
Optional, 500 GB minimum encrypted hard disk drive

HP ePrint capability
Yes

Image legal disclaimer
Product image may differ from actual product

Input capacity
Up to 650 sheets

Left margin (A4)
5 mm

Legal disclaimer
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Legal disclaimer [01]
[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.

Legal disclaimer [02]
[15] Based on ISO/IEC 19752 cartridge yields for HP 55X High Yield Black Original LaserJet Toner cartridges compared with HP 87X High Yield Black Original LaserJet Toner cartridges. Learn more at http://www.hp.com/go/learnaboutsupplies

Legal disclaimer [03]
[16] Some solutions require download or additional purchase. Learn more at http://www.hp.com/go/printingsolutions.

Legal disclaimer [04]
[17] Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. Learn more at http://www.hp.com/go/mobileprinting.

Legal disclaimer [05]
[18] When compared with fluorescent tubes.

Mac compatible
Yes

Maximum dimensions (W x D x H)
16.46 x 25.16 x 11.73 in

Maximum dimensions (W x D x H)
418 x 639 x 298 mm

Maximum input capacity (sheets)
Up to 2300 sheets

Maximum output capacity (sheets)

Up to 250 sheets

Media size, tray 1
A4; A5; A6; B5; 16k; 10 x 15 cm; post cards (JIS single and double); envelopes (DL, C5, B5); 76 x 127 to 216 x 356 mm

Media size, tray 2
A4; A5; A6; B5; 16k; post cards (JIS double); 105 x 148 to 216 x 356 mm

Media size, tray 3
A4; A5; A6; B5; 16k; post cards (JIS double); 105 x 148 to 216 x 356 mm

Media sizes supported
Tray 1: A4, A5, A6, B5, 16k, 10 x 15 cm, post cards (JIS single and double), envelopes (DL, C5, C6, B5); Tray 2: A4, A5, B5, 16k, double postcard; Optional trays 3+: A4, B5, 16k, double postcard; Optional Automatic Duplexer: A4

Media sizes supported
Tray 1: Letter, legal, executive, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monarch); Tray 2: letter, legal, executive, 8.5 x 13; Optional trays 3+: letter, legal, executive, 8.5 x 13 in; Optional Automatic Duplexer: letter

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; 550-sheet input Tray 2: 4.1 x 5.8 to 8.5 x 14 in; optional 550-sheet input Tray 3+: 4.1 x 5.8 to 8.5 x 14 in

Media sizes, custom
Tray 1: 76 x 127 to 216 x 356 mm; 550-sheet input Tray 2: 105 x 148 to 216 x 356 mm; Optional 550-sheet input Tray 3+: 105 x 148 to 216 x 356 mm

Media type and capacity, tray 1
Sheets: 100; 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 slots
1 slot, 90-pin, DDR3 SlimDIMM

Memory upgrade
Expandable to 1.5 GB through 90-pin 1 GB SlimDIMM accessory

Memory, maximum
1.5 GB

Memory, standard
512 MB

Minimum dimensions (W x D x H)
16.46 x 14.80 x 11.73 in

Minimum dimensions (W x D x H)
418 x 376 x 298 mm

Minimum system requirements
Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (For OS hardware requirements see http://www.microsoft.com)

Minimum system requirements for Macintosh
Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB available hard disk; OS compatible hardware (For OS hardware requirements see http://www.apple.com)

Mobile printing capability
HP ePrint; Apple AirPrint™; Mopria™-certified

Mobile printing capability footnote
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 hp.com/go/mobileprinting.

Mobile printing capability footnote number
[16]

Network capabilities
Yes, via built-in Gigabit Ethernet

Network protocols, supported
IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint; Google Cloud Print 2.0

Network ready
Standard (built-in Gigabit Ethernet)

Number of print cartridges
1 (black)

Number of users
5-15 Users

Operating humidity range
10 to 80% RH

Operating humidity range
30 to 70% RH

Operating system supported footnote number
[11]

Operating temperature range
15 to 32.5°C

Operating temperature range
59 to 90.5°F

Orderable product number
F2A69A#201, F2A69A#696, F2A69A#697, F2A69A#AAZ, F2A69A#AB0, F2A69A#AB2, F2A69A#ABJ, F2A69A#ABT, F2A69A#ABY, F2A69A#AC8, F2A69A#ACJ, F2A69A#ACQ, F2A69A#B13, F2A69A#B19, F2A69A#BAZ, F2A69A#BBU, F2A69A#BGJ, F2A69A#BGM, F2A69AR#BGJ

Orderable supplies
HP 872A Black Original LaserJet Toner Cartridge, 9K yield CF287A, HP 872X Black Original LaserJet Toner Cartridge, 18K yield CF287X

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
14.6 kg

Package weight
32.1 lb

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 lbs

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 note number
[10]

Paper handling output, standard
250-sheet output bin

Paper trays, maximum
5

Paper trays, standard
2

Ports
1 Hi-Speed USB 2.0 device port; 2 Hi-Speed USB 2.0 host ports ; built-in Fast
Ethernet 10Base-T/100Base-Tx, Gigabit ethernet 1000Base-T

Post warranty repair & maintenance
Please consult web site http://www.hp.com/support

Power
Input voltage: 100 to 127 VAC, 60 Hz; Input voltage: 200 to 240 VAC, 50 Hz (Not dual
voltage, power supply varies by part number with #option code identifier)

Power consumption
741.98 watts (Active Printing), 13.72 watts (Ready), 2.51 watts (Sleep), 0.08 watts
(Auto-Off), 0.08 watts (Off)

Power consumption footnote number
[2]

Power supply type
Internal (Built-in) power supply

Print colours
No

Print languages
HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript
level 3 emulation, native PDF printing (v 1.7)

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 speed
Print speed up to 45 ppm (black)

Print speed (A4/letter) footnote number
[18]

Print speed black (Landscape, A5)
Up to 65 ppm

Print speed black (normal, A4)
Up to 43 ppm

Print speed black (normal, letter)
Up to 45 ppm

Print speed duplex (A4)
Up to 34 ipm

Print speed duplex (letter)
Up to 36 ipm

Print speed footnote number (A5)
[18]

Print technology
Laser

Printer management
Printer Management; Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP JetAdvantage Security Manager.

Printer smart software features
FutureSmart Firmware, Open Extensibility Platform, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, JetIntelligence cartridges, Mopria-certified, Apple AirPrint™, HP ePrint, Hardware Integration Pocket, Online help

Processor speed
1.2 GHz

Product long name specifications
HP LaserJet Enterprise M506dn

Product note
FCC Class A emissions device for use in commercial environments, not residential environments[13]

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
2000 to 7500

Recommended monthly page volume footnote number
[8]

Recommended operating temperature range
17.5 to 25°C

Recommended operating temperature range
63.5 to 77°F

Replacement cartridges
HP 87A Black Original LaserJet Toner Cartridge (~9000 pages) CF287A, HP 87X Black Original LaserJet Toner Cartridge (~18,000 pages) CF287X

Replacement cartridges footnote

number
[5]

Replacement product number
CE528A

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

Right margin (A4)
5 mm

RMN number
BOISB-1403-00

Safety
IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2007/IEC 60825-1:2007 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2006/95/EC 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
Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in

Service & support options
Free telephone support for basic setup, installation, and troubleshooting in North America, Europe, and Asia Pacific during warranty.

Services
Customers can retain their hard disk drive and keep control of sensitive data.

Services
Ships a permanent replacement unit overnight via premium airfreight, if hardware issue cannot be resolved remotely. Shipping charges are prepaid by HP.

Services (Care Pack)
U8PK3E - HP 3 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support; U8PK4E - HP 4 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support; U8PK5E - HP 5 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support; U8PK7E - HP 3 year Next Business Day Exchange LaserJet M506 Service; UC742E - HP Network Install Mono Mid-range LaserJet Service

Services description headline 01
Next Business Day with Defective Media Retention:

Services description headline 02
Next Business Day Exchange:

Software included
For Windows OS: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals; For Mac OS: Welcome Screen (Directs users to http://www.HP.com or OS App Source for LaserJet Software)

Standard input capacity (envelopes)
Up to 10

Standard media sizes (duplex)
A4

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
4 GB eMMC

Storage device and direct print support
Storage devices not supported

Storage humidity
10 to 90% RH

Storage temperature range
-20 to 60°C

Storage temperature range
-4 to 140°F

Sub-brand name
LaserJet

Supplies feature
HP JetIntelligence Cartridge

SureSupply footnote number
[9]

SureSupply note
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.

SureSupply supported
Yes

Target user and print volume
For teams up to 15 users; Prints up to 7,500 pages/month

Tariff numbers
8443321010

Tech spec footnote
[1] AirPrint™ and iOS 4.2 or later devices require an 802.11 wireless network connection to the printer. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint and the AirPrint Logo are trademarks of Apple® Inc. 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.

Tech spec footnote
[10] Paper handling accessories are offered separately and with an additional cost.

Tech spec footnote
[11] Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and Scan drivers only; Windows RT OS for Tablets (32- & 64-bit) uses a simplified HP print driver built into the RT OS; UNIX modelscripts are available on HP.com (Modelscripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software

Tech spec footnote
[12] Width includes 0.16 in (4 mm) per side for side handle protrusions

Tech spec footnote
[14] Includes toner cartridge weight

Tech spec footnote
[16] 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.

Tech spec footnote
[18] Measured using ISO/IEC 24734, 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, and document complexity.

Tech spec footnote
[19] Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the input voltage, system configuration, software application, driver, and document complexity.

Tech spec footnote
[2] 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.

Tech spec footnote
[20] 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 The HP LaserJet Enterprise M506 series in-box cartridge may have a higher yield than stated for printer units manufactured before 2017.

Tech spec footnote
[3] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

Tech spec footnote
[4] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

Tech spec footnote
[5] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.

Tech spec footnote
[6] Acoustic values are subject to change. For current information see http://www.hp.com/support. Configuration tested: dn model, simplex printing, A4 paper at 43 ppm

Tech spec footnote
[7] 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
[8] 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.

Tech spec footnote
[9] 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.

Technical support information
http://www.hp.com/support/ljM506

Top key features
Two-sided printing

Top margin (A4)
5 mm

Typical electricity consumption (TEC) footnote number
[3]

Typical electricity consumption (TEC) number
1.824 kWh/Week (Blue Angel); 1.886 kWh/Week (Energy Star)

UNSPSC code
43212105

UPC number

(201) 888793425732; (AAZ) 888793425749; (BGJ) 888793425756

Warranty

NA/EMEA: One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region; AP: One year return to bench

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

11.8 kg

Weight

25.9 lb

Weight (imperial) footnote number

[14]

What is in the box footnote number

[20]

What's in the box

HP LaserJet M506 Printer; Introductory HP Black LaserJet Toner Cartridge (~6000 pages); CDs containing software and electronic documentation; Warranty Guides; HIGS; Erratas

Wireless capability

Optional, enabled with purchase of a hardware accessory