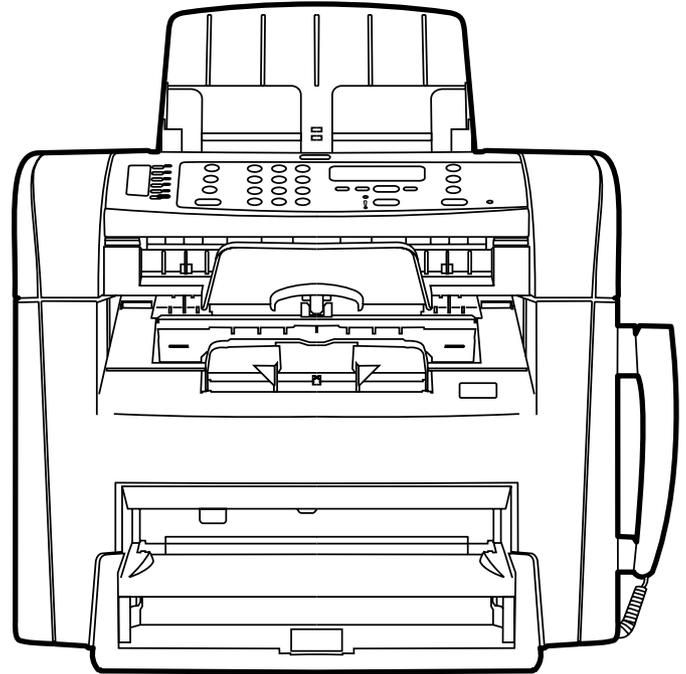


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Service Manual



Product: 2008 HP LaserJet M1319 MFP Series Printers Service Repair Workshop Manual

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HP LaserJet M1319 MFP Series Service Manual



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Part number CB536-90938

Edition 1, 4/2008

Safety information

WARNING!

Potential Shock Hazard

Always follow basic safety precautions when using the product to reduce risk of injury from fire or electric shock.

Read and understand all instructions in the user guide.

Observe all warnings and instructions marked on the product.

Use only a grounded electrical outlet when connecting the product to a power source. If you do not know whether the outlet is grounded, check with a qualified electrician.

Do not touch the contacts on the end of any of the sockets on the product. Replace damaged cords immediately.

Unplug the product from wall outlets before cleaning.

Do not install or use the product near water or when you are wet.

Install the product securely on a stable surface.

Install the product in a protected location where no one can step on or trip over the power cord and where the power cord will not be damaged.

If the product does not operate normally, see the online user guide.

Refer all servicing questions to qualified personnel.

Information regarding FCC Class B, Parts 15 and 68 requirements can be found in the user guide.

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1 Product information

- [Quick access to product information](#)
- [Product configuration](#)
- [Product walkaround](#)
- [Supported operating systems](#)
- [Connectivity](#)

Quick access to product information

Use the following Web site to find information about the product.

- www.hp.com/support/ljm1319

Table 1-1 Product guides

Guide	Description
<i>HP LaserJet M1319 MFP Getting Started Guide</i>	Provides step-by-step instructions for installing and setting up the product.
<i>HP LaserJet M1319 MFP Series User Guide</i>	Provides detailed information for using the product and problem-solving. Available on the product CD or in the Windows Program Group if the software is installed on a computer.
HP ToolboxFX	To check the product status and settings, and to view problem-solving information and online documentation, use the HP ToolboxFX. You must have performed a complete software installation in order to use the HP ToolboxFX. See the user guide for more information about software installation.
Online Help	Provides information about options that are available in the printer drivers. To view a Help file, open the online Help through the printer driver.

Product configuration

Configuration table



HP LaserJet M1319f MFP

- Prints letter-size pages at speeds up to 19 pages per minute (ppm) and A4-size pages at speeds up to 18 ppm.
 - Tray 1 holds up to 250 sheets of print media or up to 10 envelopes.
 - The priority input tray holds up to 10 sheets of print media.
 - Manual two-sided (duplex) printing, fax receiving, and copying.
 - Average yield for the standard black print cartridge is 2,000 pages, in accordance with ISO/IEC 19752. Actual yield depends on specific use.
 - Hi-Speed USB 2.0 port and one telephone handset port.
 - V.34 fax modem and 4-megabyte (MB) flash fax-storage memory.
 - Two RJ-11 fax phone cable ports.
 - 32-MB random-access memory (RAM).
 - 30-page automatic document feeder (ADF).
 - Integrated telephone handset.
-

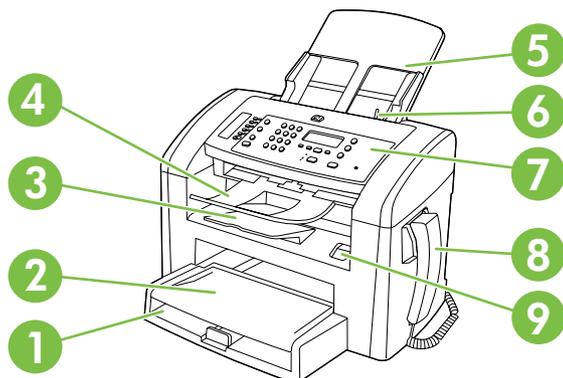
Features table

Performance	<ul style="list-style-type: none">● Prints letter-size pages at speeds up to 19 ppm and A4-size pages at speeds up to 18 ppm.
Print quality	<ul style="list-style-type: none">● Prints at 600 dots per inch (dpi) and FastRes 1200 dpi.● Includes adjustable settings to optimize print quality.
Fax	<ul style="list-style-type: none">● Full-functionality fax capabilities with a V.34 fax; includes a phone book, fax/tel, and delayed-fax features.● 4 MB flash fax-storage memory.

Copy	<ul style="list-style-type: none"> • Copies at 300 dots per inch (dpi).
Scan	<ul style="list-style-type: none"> • Provides 600 pixels per inch (ppi) full-color scanning.
Memory	<ul style="list-style-type: none"> • Includes 32-megabyte (MB) random-access memory (RAM).
Paper handling	<ul style="list-style-type: none"> • 30–page ADF. • Priority input tray holds up to 10 pages. • Tray 1 holds up to 250 sheets of print media or 10 envelopes. • Output bin holds up to 100 sheets of print media.
Printer driver features	<ul style="list-style-type: none"> • FastRes 1200 produces 1200-dots-per-inch (dpi) print quality for fast, high-quality printing of business text and graphics.
Interface connections	<ul style="list-style-type: none"> • Hi-Speed USB 2.0 port. • Two RJ-11 fax/phone cable ports.
Economical printing	<ul style="list-style-type: none"> • N-up printing (printing more than one page on a sheet). • Manual two-sided printing, faxing, and copying. • EconoMode setting (uses less toner).
Supplies	<ul style="list-style-type: none"> • The product ships with a 1,000-page (average yield) starter cartridge. The average yield for replacement cartridges is 2,000 pages, in accordance with ISO/IEC 19752.
Telephone handset	A integrated telephone handset for making and receiving voice calls at the product.
Accessibility	<ul style="list-style-type: none"> • Online user guide that is compatible with text screen-readers. • Print cartridges can be installed and removed using one hand. • All doors and covers can be opened using one hand.

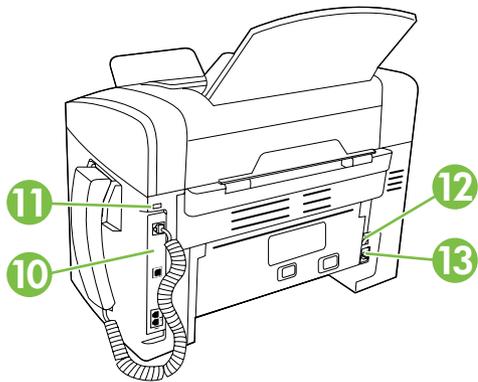
Product walkaround

Front view



1	Tray 1
2	Priority input tray
3	Output bin
4	Automatic document feeder (ADF) output bin
5	Automatic document feeder (ADF) input tray
6	ADF media lever
7	Control panel
8	Telephone handset
9	Print-cartridge door latch

Back view



10 Interface ports

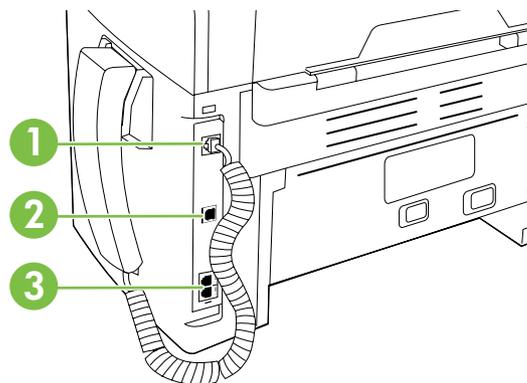
11 Kensington lock

12 Power switch

13 Power connector

Interface ports

The product has a Hi-Speed USB 2.0 port, fax and phone ports, and a handset port.

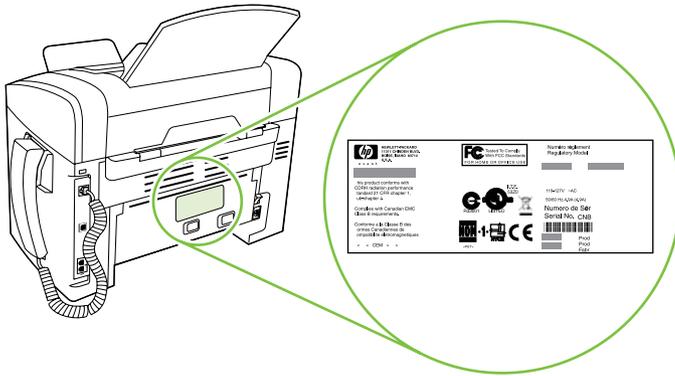


1 Handset port

2 Hi-Speed USB 2.0 port

3 Fax ports

Location of serial number and model number



Supported operating systems

The product supports the following operating systems:

Full software installation

- Windows® XP (32-bit and 64-bit)
- Windows Vista® (32-bit)
- Mac OS X v10.3, v10.4, and later

Print and scan drivers only

- Windows XP (64-bit)
- Windows Vista (64-bit)
- Windows 2000
- Windows 2003 Server (32-bit and 64-bit)

 **NOTE:** For Mac OS X v10.4 and later, PPC and Intel® Core™ Processor Macs are supported.

Software included with the product

There are several options for completing a recommended installation. Easy Install will complete the installation with default settings. Advanced Install allows you to select custom settings and choose the components that are installed.

Easy installation for Windows

- HP drivers
 - Printer driver
 - Scan driver
 - Fax driver
- HP MFP software
 - HP LaserJet Scan program
 - HP Fax Send Fax program
 - HP Toolbox program

HP Toolbox provides links to product status information and Help information, such as the user guide, and tools for product problem-solving.
 - Uninstall program
- Other programs
 - Readiris OCR (not installed with other software; separate installation is required)

Advanced installation

Advanced installation includes all of the features that are available with the easy installation. The HP Customer Participation program is optional.

Macintosh software

- HP Product Setup Assistant
- HP Uninstaller
- HP LaserJet software
 - HP Scan
 - HP Director

HP Director is a software program for working with documents. When the document is loaded into the ADF and the computer is connected directly to the product, HP Director appears on the computer screen to initiate faxing, scanning, or changing settings on the product through Macintosh Configure Device.

HP Director also includes the HP product Setup Assistant for setting up fax and print queues.

- Scan to e-mail program

Supported printer drivers

The most recent drivers are available at www.hp.com/support/ljm1319. Depending on the configuration of Windows-based computers, the installation program for the product software automatically checks the computer for Internet access to obtain the latest drivers.

Connectivity

Connect the product directly to a computer with USB

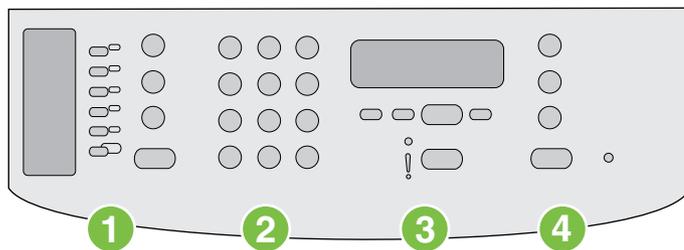
 **NOTE:** Do not connect the USB cable from the product to the computer until the installer prompts you to do so.

1. Insert the product CD into your computer. If the software installer does not start, navigate to the setup.exe file on the CD and double-click the file.
2. Follow the installer instructions.
3. Allow the installation process to complete, and then restart the computer.

2 Control panel

- [Control panel walkaround](#)
- [Control-panel menus](#)

Control panel walkaround



- | | |
|---|--|
| 1 | Fax controls. Use to change commonly used fax settings. |
| 2 | Alphanumeric buttons. Use to type data into the product control-panel display and to dial telephone numbers for faxing. |
| 3 | Setup and cancel controls. Use to select menu options, determine the product status, and cancel the current job. |
| 4 | Copy controls. Use to change commonly used default settings and to start copying. |