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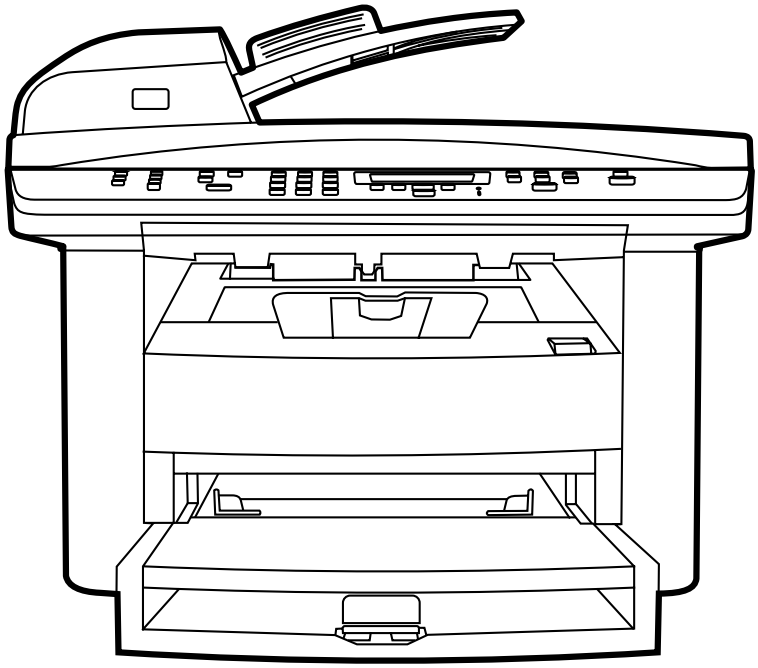
HP LaserJet M1522 MFP Series

Service Manual



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HP LaserJet M1522 MFP Series
Service Manual

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1 Product information

- Quick access to product information
- Product comparison
- Product features
- Product walkaround
- Software description
- Software for Windows
- Software for Macintosh
- Uninstall software
- Media specifications

Quick access to product information

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

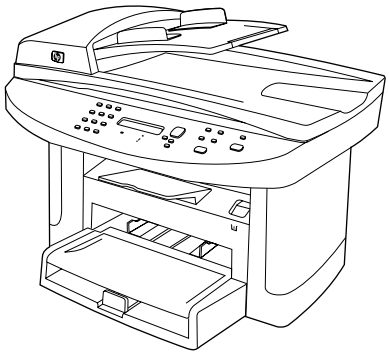
- www.hp.com/support/ljm1522

Table 1-1 Product guides

Guide	Description
HP LaserJet M1522 MFP Getting Started Guide	Provides step-by-step instructions for installing and setting up the product.
HP LaserJet M1522 MFP Series User Guide	Provides detailed information for using the product and problem-solving. Available on the product CD or in **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.

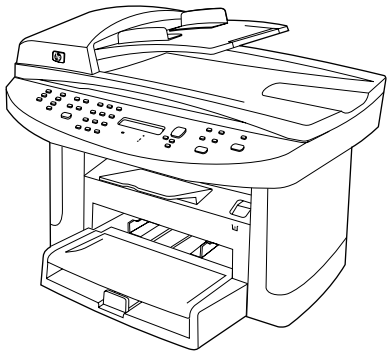
Product comparison

The product is available in the following configurations.



HP LaserJet M1522n MFP

- Prints letter-size pages at speeds up to 24 pages per minute (ppm) and A4-size pages at speeds up to 23 ppm.
- PCL 5 and PCL 6 printer drivers and HP postscript level 3 emulation.
- Priority input tray holds up to 10 sheets of print media.
- Tray 1 holds up to 250 sheets of print media or 10 envelopes.
- Hi-Speed USB 2.0 port and 10/100 Base-T network port.
- 64-MB random-access memory (RAM).
- Flatbed scanner and 50-page automatic document feeder (ADF).



HP LaserJet M1522nf MFP

HP LaserJet M1522n MFP, plus:

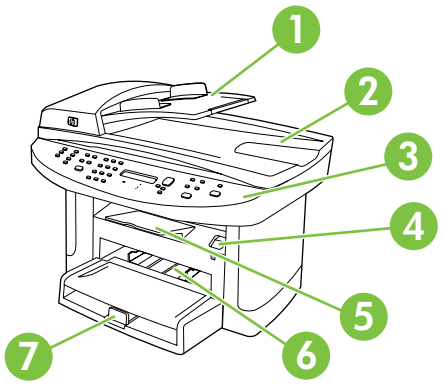
- V.34 fax modem and 4-megabyte (MB) flash fax-storage memory.
- Two RJ-11 fax phone line ports

Product features

Performance	• Prints up to 24 ppm (letter) or 23 ppm (A4).
Print quality	• 600 x 2 dots per inch (dpi) with Resolution Enhancement Technology (RET). • Adjustable settings to optimize print quality. • The HP UltraPrecise print cartridge has a finer toner formulation that provides sharper text and graphics.
Fax (fax models only)	• Full-functionality fax capabilities with a V.34 fax; includes a phone book, fax/tel, and delayed-fax features.
Copy	• Includes ADF that allows faster, more efficient copy jobs with multiple-page documents.
Scan	• The product provides 1,200 pixels per inch (ppi), 24-bit full-color scanning from letter/A4-size scanner glass. • The product provides 300 ppi, 24-bit full-color scanning from the automatic document feeder (ADF). • Includes an ADF that allows faster, more efficient scan jobs with multiple-page documents.
Networking	• TCP/IP ◦ IPv4 ◦ IPv6
Printer driver features	• Fast printing performance, built-in Intellifont and TrueType scaling technologies, and advanced imaging capabilities are benefits of the PCL 6 printer language.
Interface connections	• Hi-Speed USB 2.0 port. • 10/100 Base-T ethernet network port (RJ-45). • RJ-11 fax/phone cable ports (fax models only).
Economical printing	• N-up printing (printing more than one page on a sheet). • EconoMode setting.
Supplies	• A supplies status page that displays the amount of life remaining in the print cartridge. • The product ships with a 1,000-page (average yield) starter cartridge. The average yield for replacement cartridges is 2,000 pages. • Authentication for HP print cartridges. • Enabled supplies-ordering capability.
Accessibility	• Online user guide that is compatible with text screen-readers. • Print cartridges can be installed and removed by using one hand. • All doors and covers can be opened by using one hand.

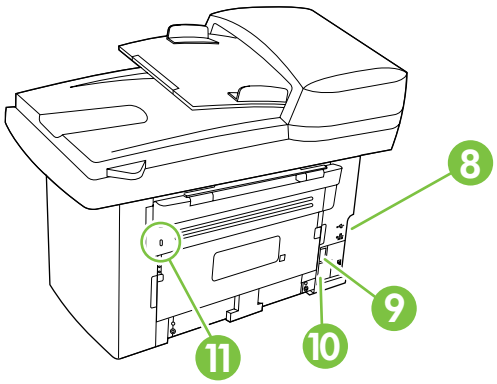
Product walkaround

Front view



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

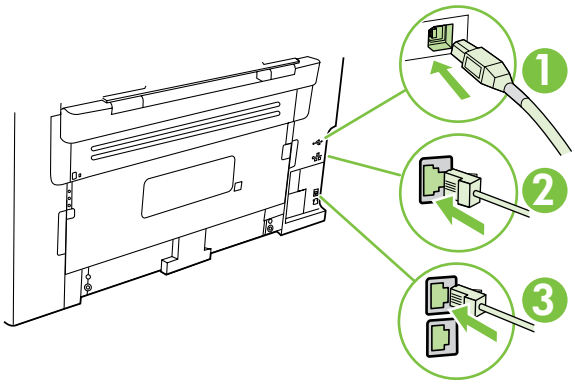
Back view



8	Interface ports
9	Power switch
10	Power connector
11	Kensington lock

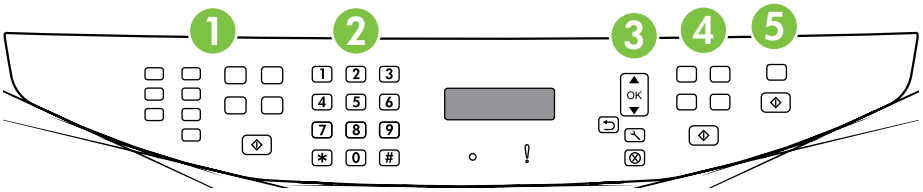
Interface ports

All models have a 10/100 Base-T (RJ-45) network port and a Hi-Speed USB 2.0 port. Fax models have fax ports as well.



1	Hi-Speed USB 2.0 port
2	Network port
3	Fax ports (fax models only)

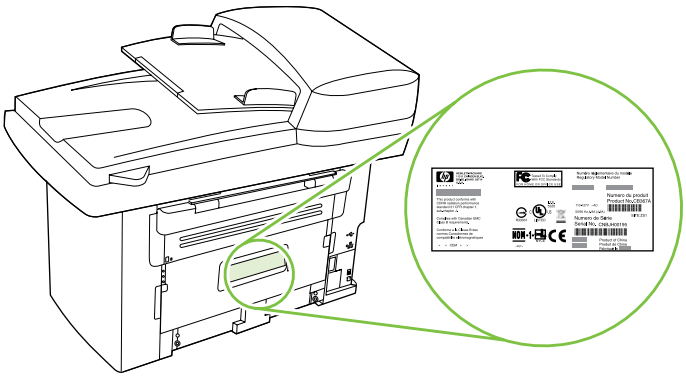
Control-panel



1	**Fax controls** (fax models only). Use the fax controls to change commonly used fax settings.
2	**Alphanumeric buttons.** Use the alphanumeric buttons to type data into the product control-panel display and dial telephone numbers for faxing.
3	**Setup and cancel controls.** Use these controls to select menu options, determine the product status, and cancel the current job.
4	**Copy controls.** Use these controls to change commonly used copy settings and to start copying.
5	**Scan controls.** Use these controls to scan to e-mail or to a folder.

Serial number and model number location

The serial number and product model number label is on the back of the product.



Software description

Supported operating systems

The product supports the following operating systems:

Full software installation

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

Print and scan driver

- Windows 2000
- Windows 2003 Server (32-bit)

Printer driver only

- Linux (Web only)
- UNIX model scripts (Web only)

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

Supported printer drivers

Operating system	PCL 5	PCL 6	HP postscript level 3 emulation
Windows	✔[1]	✔	✔[1]
Mac OS X v10.3, v10.4, and later			✔
Linux[2]			✔

1 Driver can be installed by using the Microsoft Add Printer wizard, too.

2 For Linux, download the HP postscript level 3 emulation driver from www.hp.com/go/linuxprinting.

The printer drivers include online Help that has instructions for common printing tasks and also describes the buttons, checkboxes, and drop-down lists that are in the printer driver.

Software included with the product

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

Recommended installation for Windows

- HP drivers
  - PCL 6 printer driver
  - Scan driver
- HP MFP software
  - HP ToolboxFX
  - HP LaserJet Scan program
  - HP Send Fax program and driver

- HP Fax Setup Wizard
- Uninstall program

- HP Update program
- HP Customer Participation Program
- Shop for HP Supplies program
- Other programs
  - Readiris OCR (not installed with other software; separate installation is required)

Express installation (USB or network)

The following software is included with an Express installation:

- PCL 6 printer driver
- Scan driver

NOTE: Express installation supports faxing by using the control panel.

NOTE: PCL 5 and HP postscript level 3 emulation drivers can be installed using the Microsoft Add Printer wizard.

Macintosh software

- HP Product Setup Assistant
- HP Device Configuration
- HP Uninstaller
- HP LaserJet software
  - HP Scan
  - HP Director
  - Fax program
  - Scan to e-mail program
  - HP Photosmart

Software for Windows

When you install the software for Windows, you can directly connect the product to a computer by using a USB cable, or you can connect the product to a network by using the internal print server. See the getting started guide for installation instructions, and see the Readme file for the latest software information.

HP ToolboxFX

Perform a typical installation in order to use HP ToolboxFX.

HP ToolboxFX provides links to product status information and help information, such as the user guide, and tools for product problem-solving.

Embedded Web server (EWS)

The EWS is a Web-based interface that provides simple access to product status and configurations, including network configurations and Smart Printing Supplies (SPS) functionality.

You can gain access to the EWS through the network connection to the product. Type the product IP address in a Web browser to open the product EWS home page in the browser. From the home page, you can use the tabs and left navigation menu to check the status of the product, configure the product, or check the status of the supplies.

The following are supported browsers:

- Internet Explorer 5.0 or later
- Netscape Navigator 4.75 or later
- Opera 6.05 or later
- Safari 1.2 or later

Software for Macintosh

For Mac OS X v10.3, v10.4, and later, use Print Center to print.

NOTE: For Macintosh computers, HP ToolboxFX is *not* supported.

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.

Also included is the HP product Setup Assistant, which sets up the fax and print queues.

Macintosh Configure Device (Mac OS X v10.3, v10.4, and later)

Macintosh Configure Device is a Web-based program that provides access to information about the product (or example, information about supplies status and product settings). Use Macintosh Configure Device to monitor and manage the product from the computer.

NOTE: You must perform a complete software installation to use Macintosh Configure Device.

- Check the product status and print information pages.
- Check and change product settings.
- Check default print settings.
- Check and change fax settings, including IP configuration, Advanced, mDNS, SNMP, network configuration, and fax reports.

You can view Macintosh Configure Device when the product is directly connected to a computer or when it is connected to the network.

NOTE: You do not have to have Internet access to open and use Macintosh Configure Device.

View Macintosh Configure Device when the product is connected to the computer

1. Open HP Director by clicking the **HP Director** icon in the dock.
2. In HP Director, click **Settings**.
3. Select **Configure Device** to open the Macintosh Configure Device home page in a browser.

View Macintosh Configure Device when the product is connected to the network

1. Open one of the following browsers:
   - Internet Explorer 5.0 or later
   - Netscape Navigator 4.75 or later
   - Opera 6.05 or later
   - Safari 1.2 or later
2. Type the IP address of the product into the Web browser to open the Macintosh Configure Device home page.

PDEs (Mac OS X v10.3, v10.4, and later)

PDEs are code plug-ins that provide access to product features, such as information about the number of copies, two-sided printing, and quality settings. An installation program for the PDEs and other software is provided on the product CD for Macintosh.

Uninstall software

Windows

Use the **Add or Remove Programs** method in Windows to remove the product software. This method does *not* require you to have the software CD.

1. Click **Start**, point to **Settings**, and then click **Control Panel**.

   NOTE: In Windows XP, click **Start**, and then click **Control panel**.
2. Double-click **Add or Remove Programs**.
3. Scroll through the list of software programs and click **HP LaserJet M2727**.
4. Click **Remove**.

Macintosh

To remove the software, drag the PPD files to the trash can.

Product: 2008 HP LaserJet M1522 MFP Series Printer Service Repair Workshop Manual
Full Download: https://www.arepairmanual.com/downloads/2008-hp-laserjet-m1522-mfp-series-printer-service-repair-workshop-manual/

Media specifications

Supported paper and print media sizes

This product supports a number of paper sizes, and it adapts to various media.

NOTE: To obtain best print results, select the appropriate paper size and type in the print driver before printing.

Table 1-2 Supported paper and print media sizes

Size	Dimensions	Priority input tray	Tray 1
Letter	216 x 279 mm (8.5 x 11 inches)	✔	✔
Legal	216 x 356 mm (8.5 x 14 inches)	✔	✔
A4	210 x 297 mm (8.27 x 11.69 inches)	✔	✔
Executive	184 x 267 mm (7.24 x 10.51 inches)	✔	✔
A3	297 x 420 mm (11.69 x 16.54 inches)		
A5	148 x 210 mm (5.83 x 8.27 inches)	✔	✔
A6[1]	105 x 148 mm (4.13 x 5.83 inches)	✔	✔
11 x 17	279 x 432 mm (11 x 17 inches)		
B4 (JIS)	257 x 364 mm (10.12 x 14.33 inches)		
B5 (JIS)	182 x 257 mm (7.17 x 10.12 inches)	✔	✔
8k	270 x 390 mm (10.63 x 15.35 inches)		
16k	197 x 273 mm (7.75 x 10.75 inches)	✔	✔
16k	195 x 270 mm (7.7 x 10.6 inches)	✔	✔
16k	184 x 260 mm (7.25 x 10.25 inches)	✔	✔
8.5 x 13	216 x 330 mm (8.5 x 13 inches)	✔	✔
4 x 6[1]	107 x 152 mm (4 x 6 inches)	✔	✔
5 x 8[1]	127 x 203 mm (5 x 8 inches)	✔	✔
10 x 15 cm[1]	100 x 150 mm (3.9 x 5.9 inches)	✔	✔
Custom	Minimum—76 x 127 mm (3 x 5 inches); Maximum—216 x 356 mm (8.5 x 14 inches)	✔	✔

[1] These sizes are supported as custom sizes.

Sample of manual. Download All 290 pages at:
https://www.arepairmanual.com/downloads/2008-hp-laserjet-m1522-mfp-series-printer-service-repair-workshop-manual/