

HP LASERJET ENTERPRISE M507 SERIES

Firmware Readme

Product Name(s):

- HP LaserJet Enterprise M507n
- HP LaserJet Enterprise M507dn
- HP LaserJet Enterprise M507dng
- HP LaserJet Enterprise M507x

Model Number(s): • 1PV86A • 1PV87A • 1PV89A • 1PV88A

This document contains information for the firmware revision number:

Firmware Datecode: 20210331

Firmware Revision: 2502087_007707

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 5.2

Reminder: Dynamic security enabled printer. This Firmware includes dynamic security measures, which are used to block cartridges using a non-HP chip or modified or non-HP electronic circuitry. The printer is intended to work only with new or reused cartridges that have a new or reused HP chip or circuitry. Periodic firmware updates will maintain the effectiveness of the dynamic security measures and block cartridges that previously worked. More at: www.hp.com/learn/ds.

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Description

This Readme file provides specific installation instructions and other information you should know before you perform a firmware update for your HP LaserJet Series printer or MFP. Installation instructions are provided for Single and Multiple Printer Updates.

This document provides specific update, installation and troubleshooting information. For additional information on the device features, refer to the online user guide found on the Windows Printing System Installer CD-ROM that came with your printer or at hp.com.

What is included in a Firmware bundle?

The HP LaserJet printer firmware update file available from the HP web site contains firmware for the printer, embedded JetDirect (if applicable), HP paper handling accessories used with the device in one convenient download file. When the Remote Firmware Upgrade file is sent to the HP LaserJet Printer or MFP firmware for the engine and all connected accessories are upgraded.

Who needs this firmware?

Similar to HP Inc. providing improved software for your HP LaserJet Printer or MFP, HP Inc. provides firmware updates for your printer periodically through its supported lifecycle. A firmware update may be necessary if it is determined that you may benefit from the resolution of any issue that is documented below. These updates are available on the HP support web site.

Determining the current version level of your firmware

To determine the current level of firmware installed on the device:

Go to the printer's or MFP's control panel.

1. Go to the printer's control panel.
2. Select the **Reports** application.
3. Select the **Configuration/Status Pages** menu.
4. Select the **Configuration Page** option.
5. Select the **Print**.

On the printed Configuration page look in the section marked "Device Information" for the Firmware Datecode and Firmware Revision. The Firmware Datecode and Firmware Revision will look something like this:

Firmware Datecode: 20201209
Firmware Revision: 2501124_004336

IMPORTANT NOTE:

This firmware file requires an interactive update method. You CANNOT update these Product(s)/Model(s) using the traditional FTP, LPR or Port 9100 methods of upgrading. Please use one of the following methods listed below to update the firmware of this device.

Enhancements and Fixes provided with this Firmware revision

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20210331

Firmware Revision: 2502087_007707

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 5.2

For information on HP Security Bulletins addressed by firmware releases, please visit:

<https://support.hp.com/security-bulletins>

To initiate a subscription to receive future HP Security Bulletin alerts via email, visit:

<https://www.hp.com/go/alerts>

ENHANCEMENT:

Base:

- Additional Syslog auditing capabilities have been added to capture changes to the security posture related firmware settings.

Security/Authentication:

- No New Updates

Embedded JetDirect:

- No New Updates

FIXES:

Base:

- The files and directories are visible on a USB thumb drive which is intended to be used only for an installed solution.
- Changing Density Settings do not reflect any visual change.
- Some device configuration strings are incorrectly translated for the Portuguese language.
- Some PDFs with specific settings are not printed correctly.
- Hex keyboard will not load with solutions.
- Certain PDFs do not print during Direct PDF printing.
- The time stamp in the printed Job log does not change to PM at Noon.
- Custom error messages implemented with OXPd solutions do not display correctly on 2.7in control panel screens.
- The header and footer data are not printed correctly in certain documents.
- Certain PDFs printed from iOS devices do not print.
- Some device configuration strings are incorrectly translated for Portuguese language.
- Some settings are not restored correctly during Backup and Restore operation.
- A 49.38.13 error may occur when many PCL 5 print jobs are sent to a device in a short period of time.
- The wrong expiration date is displayed in the Embedded Web Server for Intermediate CA Certificates.
- 49.38.07 error after loading Skip Disk load with a solution.

Security/Authentication:

- LDAP query fails when the server times out waiting for initial data.
- A 81.09.00, 99.05.56 , or 30.01.41 error may occur when the hostname + domain name (FQDN) is greater than 64 characters long.
- The network folder credential form is not filled out when a Smartcard user is authenticated with the Celiveo application.
- TLS version selected gets out of sync with TLS version used to negotiate a secure connection when using LDAP Contact List.
- Self-Signed ID and CA certificates are regenerating without cause after a reboot.
- Third party solutions created in 2021 will not be able to load on the device through the solution installer page.

Embedded JetDirect:

- A "USB hubs cannot be attached in series. Remove extra hubs." error may appear on the control panel when plugging in a JD3100w to the HIP pocket using a short cable.
- The Gateway address is missing digits in the last octet when the configuration page is viewed on the control panel and language is set to Japanese.

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET ENTERPRISE M507 SERIES	Firmware Datecode: 20210331 Firmware Revision: 2502087_007707
Embedded JetDirect:	JSI25020013
DC Controller Version	5.131
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 5.2
MD5 checksum for .bdl file	e820726c567d9440fcb96e13d933d91b

Enhancements and Fixes provided with this Firmware revision

The following new functionality or features are provided by this firmware release:

Firmware Datecode: 20201209

Firmware Revision: 2501124_004336

HP Fleet Bundle Version Designation: FutureSmart Bundle Version 5.1

For information on HP Security Bulletins addressed by firmware releases, please visit:

<https://support.hp.com/security-bulletins>

To initiate a subscription to receive future HP Security Bulletin alerts via email, visit:

<https://www.hp.com/go/alerts>

ENHANCEMENT:

Base:

- No New Updates – Original Release

Security/Authentication:

- No New Updates – Original Release

Embedded JetDirect:

- No New Updates – Original Release

FIXES:

Base:

- No New Updates – Original Release

Security/Authentication:

- No New Updates – Original Release

Embedded JetDirect:

- No New Updates – Original Release

Current firmware revisions included in this firmware bundle:

DEVICE FIRMWARE REVISION

COMPONENT	FIRMWARE VERSION
HP LASERJET ENTERPRISE M507 SERIES	Firmware Datecode: 20201209 Firmware Revision: 2501124_004336
Embedded JetDirect:	JSI25010008
DC Controller Version	5.130
Optional Trays Version	4.108
HP Fleet Release Designation	Original Release FutureSmart 5.1
MD5 checksum for .bdl file	554b48be4782248d1287f5c389f21ba4

No Previous Releases – Original Version

Installation Instructions

NOTE: Please be aware that an update in some circumstances may require 10 minutes or more to complete.

You can send the firmware update to a device at any time; the device will wait for all I/O channels to become idle before cycling power.

Please print a configuration page prior to performing any firmware update. To print the configuration page:

1. Go to the printer's control panel.
2. Select the **Reports** menu.
3. Select the **Configuration/Status Pages** menu.
4. Select the **Configuration Page** option.
5. Select the **Print**.

On the printed Configuration page look in the section marked "Device Information" for the Firmware Datecode and Firmware Revision. The Firmware Datecode and Firmware Revision will look something like this:

Firmware Datecode: 20201209
Firmware Revision: 2501124_004336

The elapsed time for an update depends on the I/O transfer time as well as the time that it takes for the printer to reinitialize. The I/O transfer time depend on the speed of the host computer sending the update and the I/O method (USB or network).

The re-initialization time will depend on the specific hardware configuration of the printer, such as the number of EIO devices installed, the presence of external paper handling devices, and the amount of memory installed. Finally, any print jobs ahead of the firmware job in the queue will be printed before the update is processed.

NOTE: When the update process has completed the LaserJet will need to be rebooted. Once the printer is back online, print a Configuration Page and verify that the new firmware has been installed.

Additional information to know

The firmware file will be in the following file format "xxxxxxx.bdl" where "xxx" indicates the firmware file name and the ".bdl" is the files extension.

This file requires an interactive update method. You cannot update the printer using the traditional FTP, LPR or Port 9100 methods of upgrading. Please use one of the following methods listed below to update the firmware of this device.

How to perform firmware upgrades.

Embedded Web Server: (control panel is at a Ready screen)

After uncompressing the file you will see a xxxxxxx.bdl file.

1. Open an Internet Browser Window.
2. Enter the IP address in the URL line.

3. Select the **Firmware Upgrade** link from within the General tab.
4. Select **Choose File** and browse to the location that the firmware upgrade file was downloaded to, and then select the firmware file.
5. Select the **Install** button to perform the upgrade.

NOTE: Do not close the Browser Window or interrupt communication until the Embedded Web Server displays the Confirmation Page.

6. The printer will automatically reboot unless you are downgrading. If downgrading Firmware you will be prompted to select the Rollback option.

NOTE: Please be aware that an update in some circumstances may require 10 minutes or more to complete.

Once the printer or MFP is back online, print a Configuration Page and verify that the new firmware has been installed.

Walk-up USB thumb drive: (Standard control panel menu)

After uncompressing the file you will see a xxxxxxxx.bdl file.

1. Copy the xxxxxxxx.bdl file to a portable USB flash memory storage device (thumb drive).

NOTE: USB Flash Drives that are not in a Fat32 format or having a CD formatted partition may not be recognized by the printer. You may need to try a different USB flash drive.

2. Turn the printer ON.
3. Select the **Support Tools** menu.
4. Select the **Maintenance** menu.
5. Select the **USB Firmware Upgrade** menu.
6. Insert the portable USB storage device with the xxxxxxxx.bdl file on it into the USB port on the front control panel of the product.
7. Select the xxxxxxxx.bdl file you would like to use.

NOTE: If there is more than one xxxxxxxx.bdl file on the storage device, make sure that you select the correct file for this product.

8. Select the **Install** button on the bottom of the screen.
9. Select the **Upgrade, Re-install or Downgrade** option depending on the task you are performing. The firmware upload process will begin.

When the upload is complete, the printer will reboot automatically and start the upgrade process.

NOTE: The upgrade process may take up to 10 minutes to complete. Please do not interrupt the updating process.

Once the printer or MFP is back online, print a Configuration Page and verify that the new firmware has been installed.

Pre-Boot walk-up USB thumb drive: (control panel Pre-Boot menu)

NOTE: Only to be used if the printer is not able to boot to READY

After uncompressing the file you will see a xxxxxxx.bdl file.

1. Copy the xxxxxxx.bdl file to a portable USB flash memory storage device (thumb drive).

NOTE: USB Flash Drives that are not in a Fat32 format or having a CD formatted partition may not be recognized by the printer. You may need to try a different USB flash drive.

2. Turn the printer ON.
3. Press the **"X"** button or middle of the Touch Screen when you see the **"1/8"** under the HP logo.
4. Press the Down arrow to highlight **Administrator**, and then press OK.
5. Press the Down arrow to highlight **Download**, and then press OK.
6. Insert the portable USB storage device with the xxxxxxx.bdl file on it.
7. Press the Down arrow to highlight **USB Thumbdrive**, and then press OK.
8. Press the Down arrow to highlight the xxxxxxx.bdl file, and then press OK.

NOTE: Please make sure the firmware file is located in the root directory of the flash drive. If you have more than one .bdl file on your USB flash drive, select the file you want loaded and press OK.

Please be patient since this may take up to 10 minutes to complete.

9. When the message **Complete** appears on the control panel display, power cycle the printer.
10. The printer will start the upgrade process and will continue to boot to the Ready state.

NOTE: Please be patient since this may take up to 10 minutes to complete.

Once the printer or MFP is back online, print a Configuration Page and verify that the new firmware has been installed.

Web Jetadmin (Supported with version 10.4 SR9 or newer)

Please visit www.hp.com and type "Web Jet Admin" in the "Search" Box to find more information about new releases of Web Jetadmin and the release note information for those releases.

Upgrading Firmware:

1. Start Web Jetadmin 10.4 SR9 or newer
2. From the "Device Management" section, select "All Devices" (or the appropriate device group). An "All Devices" list will appear in the center window.
3. Find your device in the list or type the IP address of the device in the Quick Device Discovery section in the lower-left of the screen (this will highlight your device in the device list). You can sort the device list by clicking on a column name at the top.
4. If your device list is sorted by model number, you may select multiple devices with the same model number by Control-Click or Shift-Click.
5. Right-click on the device and select "Upgrade firmware...".
6. An Upgrade Firmware window will appear. Select "Device firmware" and click "Next"
7. A list of available firmware will appear. If the correct version is listed, click "Next", and the upgrade process will start.

NOTE: If the correct firmware version does not appear within the list, you will need to manually upload it into WJA. New firmware may be available on an FTP site prior to appearing on hp.com. The instructions below allow you to upload a firmware file from your local PC to WJA 10.4 SR9 or newer

Uploading new firmware files into WJA:

1. Click on "Firmware/Firmware Repository" in the "Device Management" pane
2. A "Firmware Repository" window will appear in the center of the screen
3. Click on "Upload" in the upper-right of the window
4. Browse to the .bdl file on your local PC
5. Click "Upload"
6. Once the .bdl file is uploaded, go back to step 2 in the first section and complete steps 2 through 6.

NOTE: Do not turn printer off during the update process! When the update process is complete, the printer will automatically reboot. If the firmware update process fails, Web JetAdmin will provide notification with a page (screen) of information regarding the reason(s) for failure. A link will be provided to attempt the process again.

System Requirements

The Firmware upgrade process requires a network or USB port connection.

Technical Assistance

Some of the services below are provided for the United States only. Similar services to those listed below are available in other countries. See your printer's user guide or call your local authorized HP dealer.

Customer Support

See your printer's user guide or call your local authorized HP dealer.

Internet

An anonymous FTP library service is available worldwide for around-the-clock access to drivers and technical support information for HP peripheral and computer products.

Please note that paths may change without notice. Access the Internet or FTP address and use the menus to locate the software or support of your choice.

URL for HP LASERJET ENTERPRISE M507 and MANAGED E50145dn SERIES Support:

URL for Firmware downloads:

www.hp.com/support/ljM507

URL for Support:

<http://www.hp.com/go/support>

Additional Information

Refer to your printer's user guide for additional methods of obtaining software and support information, such as printer driver distribution centers other online services, fax services, and other online support.

Legal Statements

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