HP LASER Printer 508nk Firmware Readme

Product Name(s): HP Laser printer 508nk

Model Number(s): 5MX69A, M4530ND_BEIING,

This document contains information for the firmware revision number:

System Firmware Version: V3.82.00.23 MAR-11-2025 (508nK)

Engine Version: V1.01.21 03-06-2025_V1.53

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-- OPEN-SOURCE SOFTWARE LICENSE AGREEMENTS (In English)

-- License and Copyright

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.

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

On the printed Configuration page look in the section marked "Software Versions" for the Firmware Version. Firmware Version will look something like this:

System Firmware Version: V3.82.00.21 NOV-18-2019 (508nK)

Enhancements and Fixes provided with this Firmware Version

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

System Firmware Version: V3.82.00.23 MAR-11-2025 (508nK)

Engine Version: V1.01.21 03-06-2025_V1.53

ENHANCEMENT:

- Base:

  Firmware update to reflect CTS Table off-set Value due to application of improved new toner.

  Old/New toner's CTS off-set value automatically selected based on the Crum information (description bit Old (1)/ New (2))

Security/Authentication:

- No New Updates

FIXES:

Base:

- No New Updates

Security/Authentication:

- No New Updates

Installation Instructions

NOTE: Please be aware that an update in some circumstances may require 5 minutes or more to complete and do not turn off the printer and your computer until firmware update finishes.

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.

On the printed Configuration page look in the section marked "Software Versions" for the Firmware Version. Firmware Version will look something like this:

System Firmware Version: V3.82.00.21 NOV-18-2019 (508nK)

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.hd" where "xxx" indicates the firmware file name and the ".hd" 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.

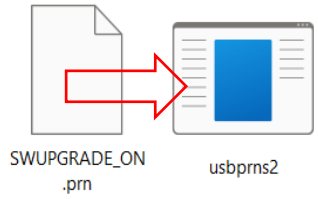
USB: Update the firmware for a USB connected printer (Windows XP/Vista/7/8/8.1/10/11)

NOTE: In order to use this method, you must disconnect all other USB printers from the PC.

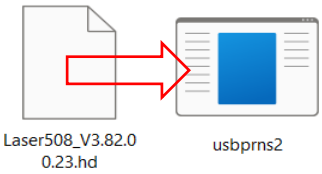
After uncompressing the file, you will see xxxxxxxx.hd file, SWUPGRADE_ON.prn and usbprns2.exe file.

Download Instructions

1. Connect the printer and PC with a USB cable.
2. Ensure the printer is in a "Ready" state before proceeding with the download.
3. Drag the SWUPGRADE_ON.prn file onto usbprns2.exe.



4. Drag the **Beijing_45_V3.82.00.23_Idle_ONEROM_DS.hd** file onto usbprns2.exe.



5. The UI will display the download status and when complete, the printer will reboot.
6. Verify the version in the report.

Precautions

- Do not turn off the printer or computer until the firmware update is complete.
- Remove any other printers connected to the computer via USB cable.
- Do not operate the printer (e.g., do not execute printing) during the firmware update.

Embedded Web Server: (control panel is at a Ready screen)
After uncompressing the file you will see a xxxxxxx.hd file.

1. Print a configuration page to obtain your printer's IP address or host name.
2. Open an Internet Browser Window.
3. Enter the IP address in the URL line. The EWS opens.
4. If the Web browser displays a There is a problem with this website's security certificate message when attempting to open the EWS, click Continue to this website (not recommended).
5. downgrading Firmware you will be prompted to select the Rollback option.

NOTE: Choosing **Continue to this website (not recommended)** will not harm the computer while navigating within the EWS for the HP printer.

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6. Select **Sign** In in the upper-right corner of the EWS page.
7. Enter your Username and Password.

NOTE: If you have not yet created a password for the EWS, enter the default credentials of admin for both the Username and the Password.

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8. Select the **Maintenance** tab and then select the **Upgrade Wizard** button.

NOTE: If you did not sign in to the EWS, this button will not be available.

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9. Select **Browse** and browse to the location where you extracted the files.

10. Select the firmware file xxxxxxxx.hd and click **Open**.
11. Select **Next** and then wait for the wizard to verify the firmware.
12. When prompted, check the firmware version, select **Next**, and then wait for the firmware to upload to the printer.
13. Wait for the firmware programming process to complete and for the printer to restart.

NOTE: If This process will take several minutes. Do not close the browser window or interrupt communication until the HP Embedded Web Server (EWS) displays the confirmation page.

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14. Follow any remaining on-screen instructions to complete the installation.
15. Once the printer or MFP is back online, print a Configuration Page and verify that the new firmware has been installed.

System Requirements

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

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.

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