



SK hynix SSD Firmware Update Manual

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1) Overview

A. Introduction

The SSD firmware update utility provided by SK hynix supports all SK hynix SSDs. SK hynix can offer new firmware to improve the performance and user experience of its SSDs, and we recommend updating every time the latest firmware version is released.

B. Cautions

1. SK hynix Firmware Update Utility supports all SK hynix Brand SSDs.
2. Before running the 'Firmware Update Utility', we recommend that you store all data stored on an existing SSD on a different storage device. This is to prevent possible SSD initialization during firmware updates and damage caused by partial or total data loss. We recommend using the official software provided by SK hynix for safe data transfer.
3. Update with stable power supply. Always connect the SSD to the system during firmware update. If the power is lost or the cable is disconnected during the update, the SSD may be permanently damaged or inoperative.
4. SK hynix is not responsible for data loss and recovery that may occur during the update. It is recommended that you familiarize yourself with this manual before running updates. Firmware update is not mandatory and it is up to you to run the update.

C. System Requirements

Please check the following before updating the product.

1> Hardware

1. SK hynix SSD

2. USB flash disk (Minimum capacity: 30MB)

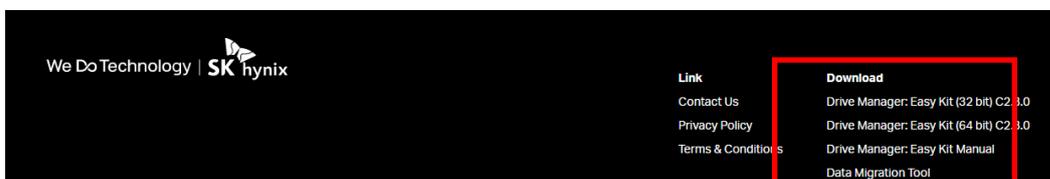
2> Software

1. Drive Manager: Downloadable from SK hynix homepage. (<https://ssd.skhynix.com>)

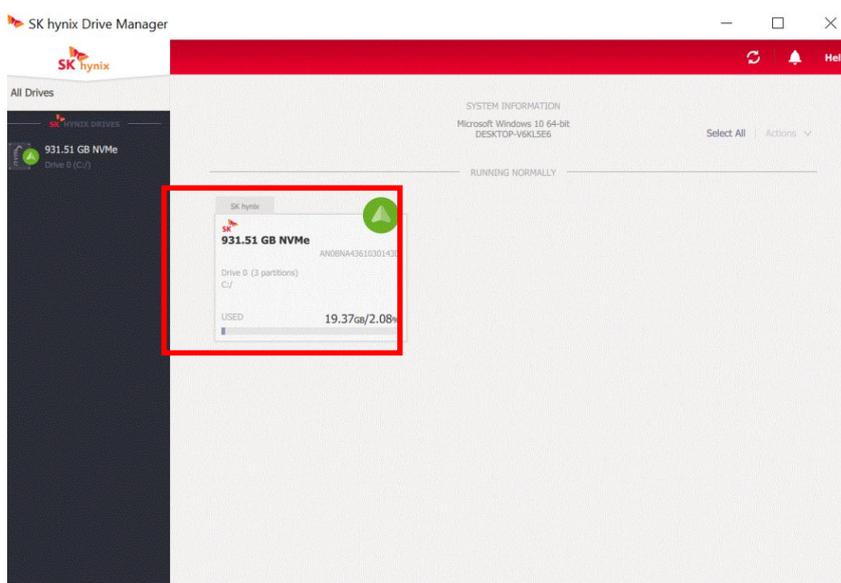
2) Install firmware update Utility

1. SATA (Gold S31)

① Download the kit, firmware from SK hynix SSD homepage.



② Click **SK hynix ssd** after Running Drive Manager: Easy Kit.

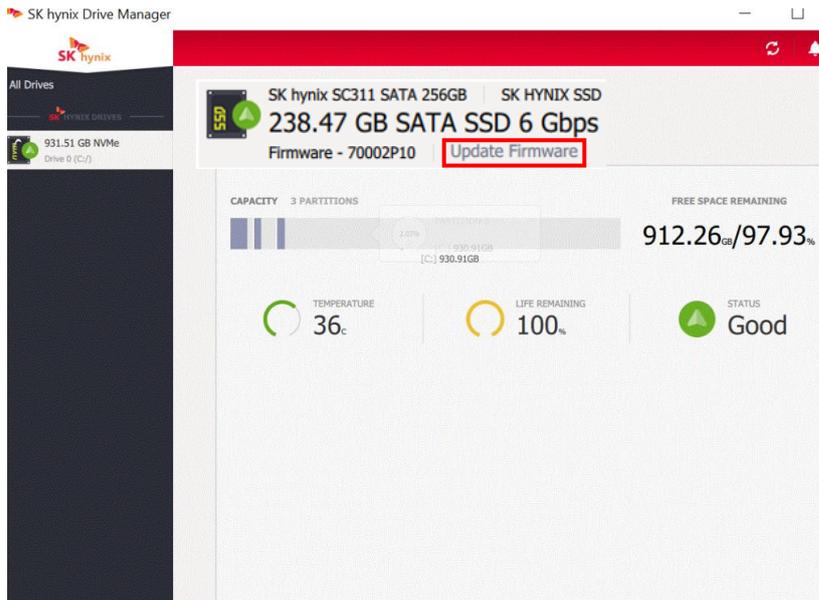


③ Click "Update Firmware".

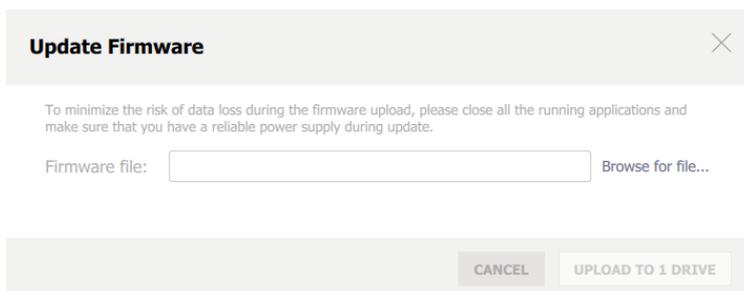
- In the All Drives window, click the required Drive Area/Areas, and then in the Actions menu, click Update Firmware.

Or

In the Drive Information window of the required drive, click Update Firmware.



④ In the Update Firmware dialog, Click Browse for file... to select the file to be used for update:



⑤ Click the Upload button.

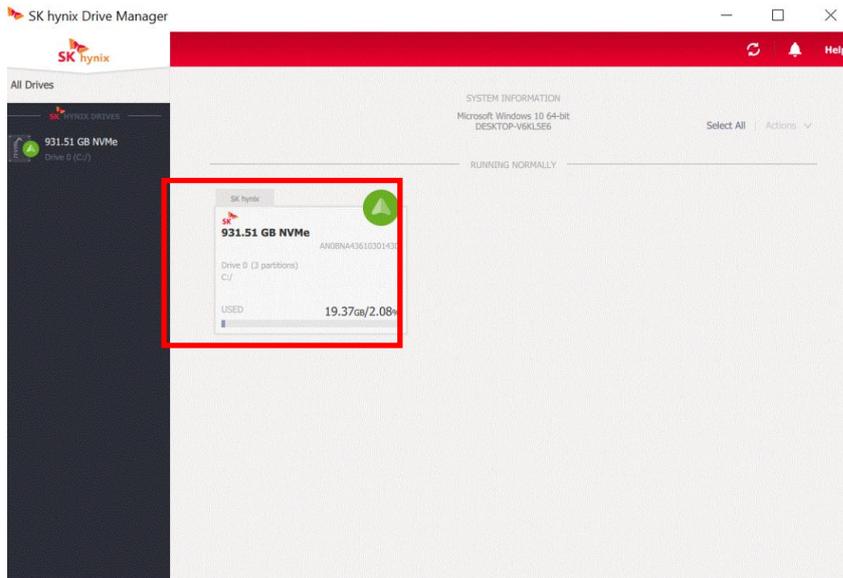
The Upload button displays the number of drives you're going to upload firmware to.

2. PCIe NVMe (Gold P31)

① Download the kit, firmware from SK hynix SSD homepage.



② Click "SK hynix ssd" after Running Drive Manager: Easy Kit.

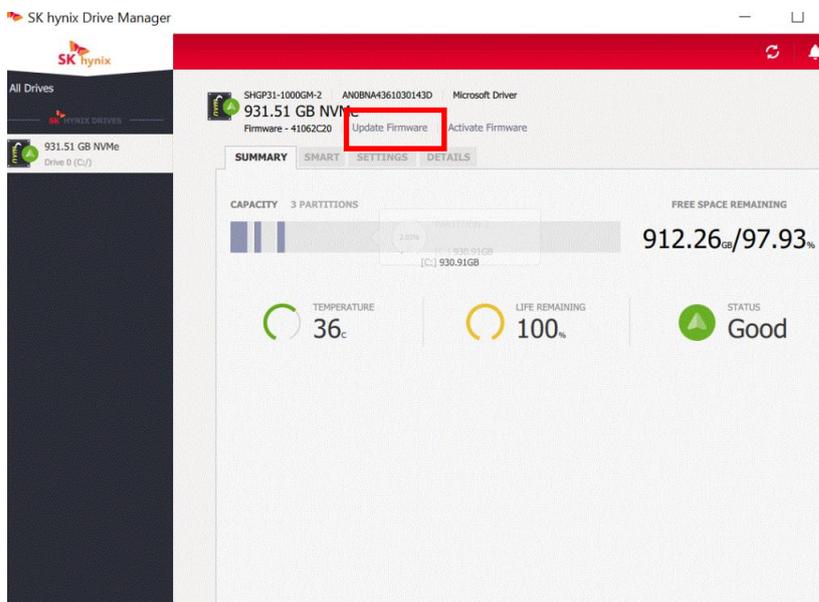


③ Click **Update Firmware**

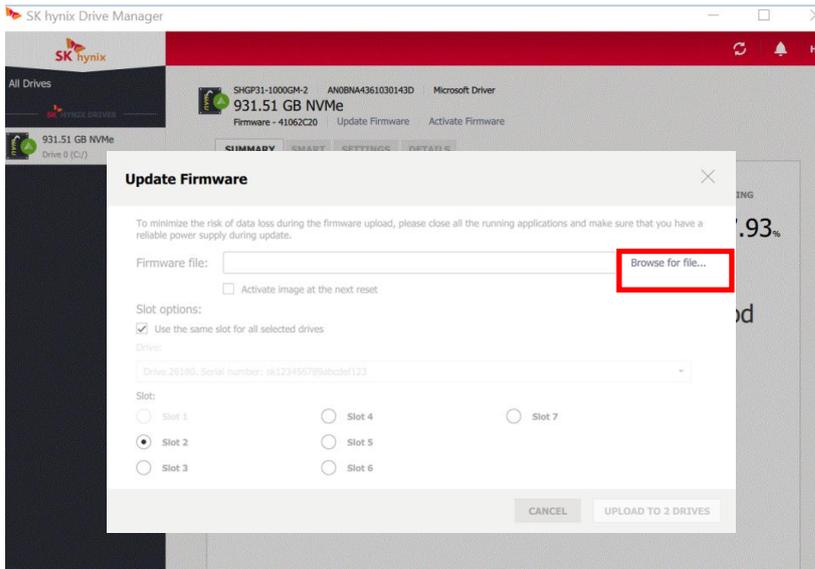
- In the All Drives window, click the required **Drive Area/Areas**, and then in the Actions menu, click **Update Firmware**.

Or

In the Drive Information window of the required drive, click **Update Firmware**.



④ Search Firmware after selecting Slot.

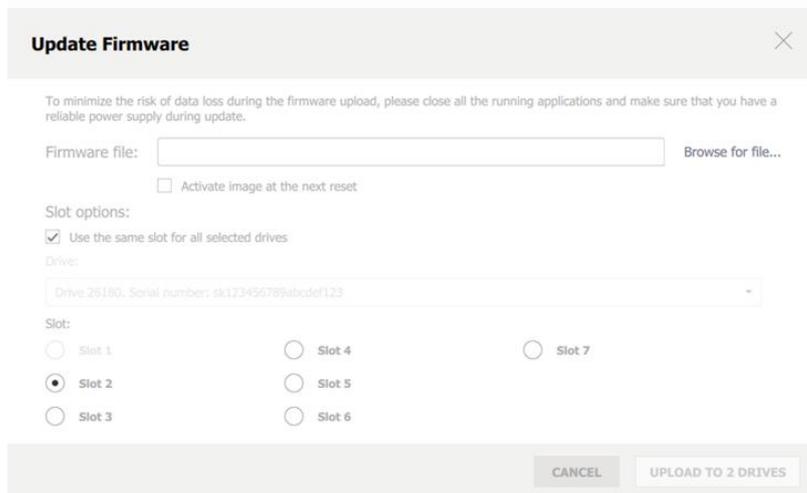


- In case one drive is selected

In the **Update Firmware** dialog, click **Browse for file...** to select the file to be used for update, and then select the required NVMe slot/

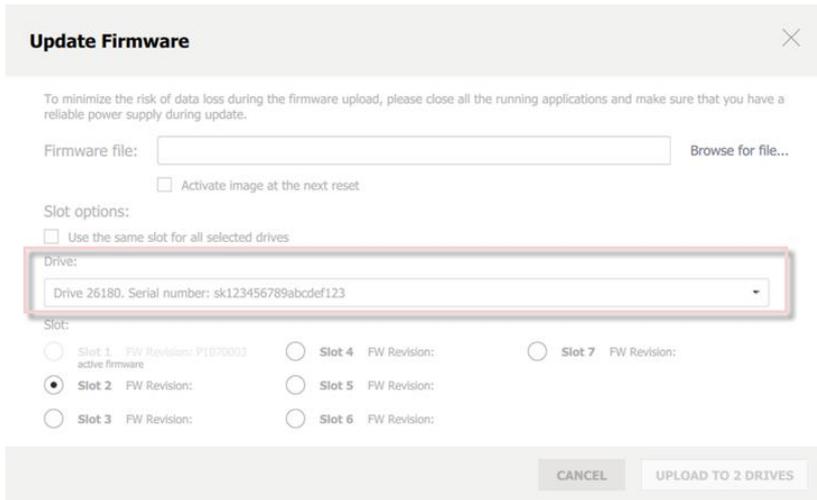
- In case multiple drives are selected:

To load firmware update image into the same slot for all selected drives, select the **Use the same slot for all selected drives** checkbox, and then select the necessary slot:



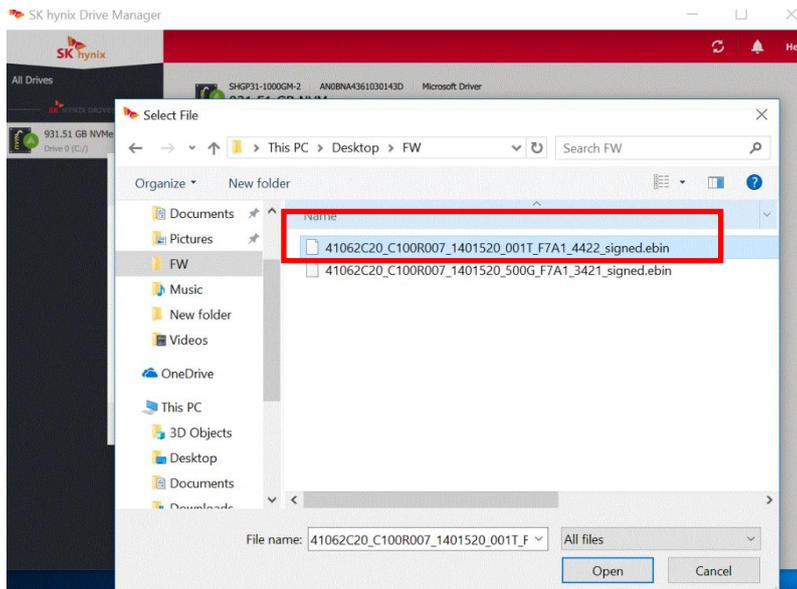
or

To load firmware update image into different slots (a separate slot for each drive), in the drop-down list of the **Drive** field, select drive name, and then select the required slot:

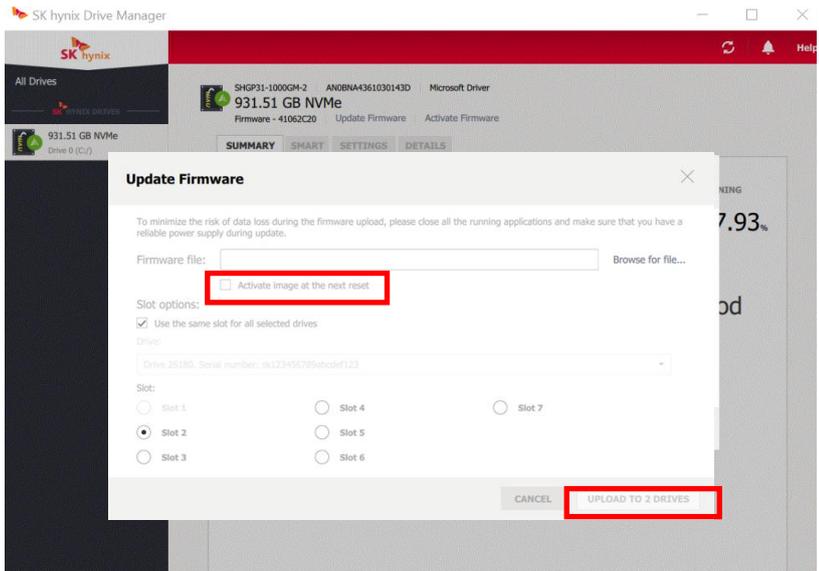


⑤ Select existing downloaded firmware and click **Upload** button.

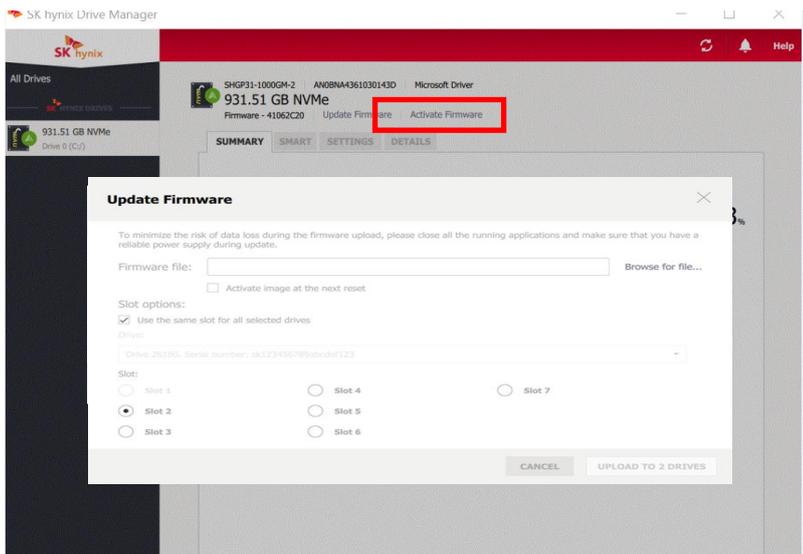
(Need to select firmware by density)



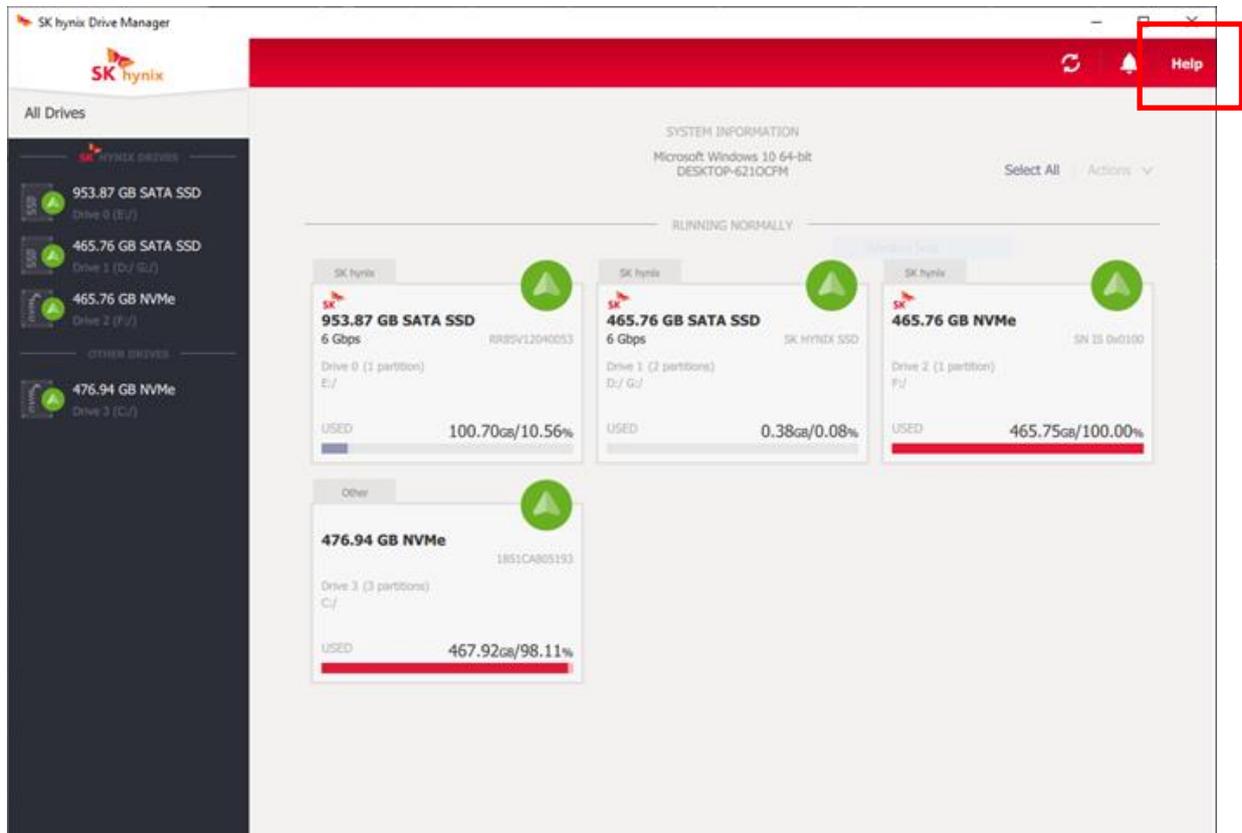
- To activate firmware right after uploading it, choose the **Activate image at the next reset** checkbox. (This case does not require "step7: Activate Firmware".)
- Click the **Upload** button. Reset is required to activate the uploaded firmware. You may also need a reboot.
- For Microsoft Windows built-in driver on Windows Server 2012 and Windows 8.1, firmware is activated right after being loaded.



⑦ After Uploading Firmware, Click **"Activate Firmware"** to run Firmware



*Note: If you need additional information related to Firmware update, please run Drive Manager and click the **HELP** button at the top for more information.



-End-

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mbedtls

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