SoloLinker-B Firmware Burning Guide

For more information, please visit: https://www.sololinker.com/

Prepare materials

- Driver: Rockchip_DriverAssitant_v5.1.2.zip
- Firmware Burning Tool: RKDevTool_Release_v2.84.zip
- A Windows computer (preferably with Windows 10 operating system)
- Loader File: HT2-Boot-Loader.bin (The board of HT2 is the same as that of SoloLinker-B, so their loaders can be shared.)
- Firmware:Download on this page:https://www.sololinker.com/en/1955.html
- USB data cable(TYPE A to A):

Install driver

Extract the Rockchip_DriverAssitant_v5.1.2.zip file.

Double-click on "DriverInstall.exe" in the "Rockchip_DriverAssitant_v5.1.2" folder.

Then click on "**驱动安装**".

Enter Maskrom mode

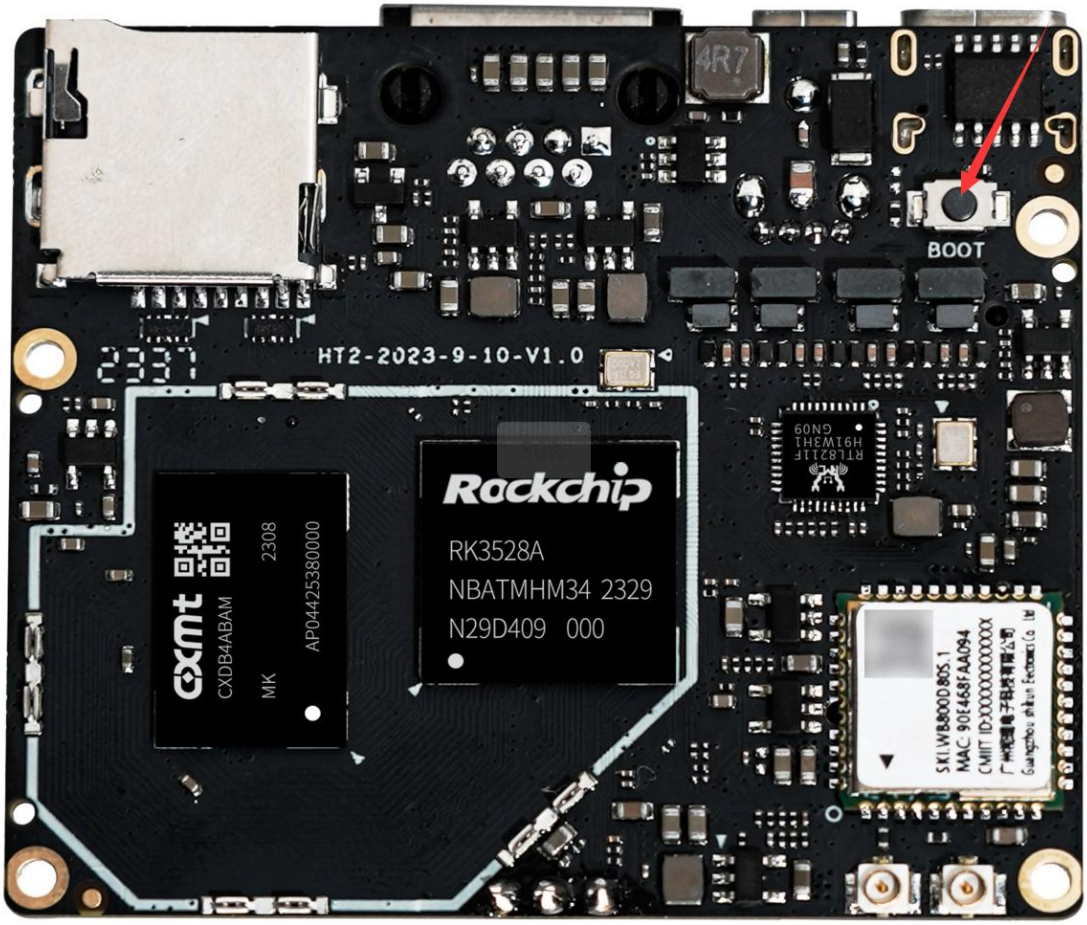
Extract the RKDevTool_Release_v2.84.zip file, enter the RKDevTool_Release_v2.84 folder, and click to open RKDevTool.exe (Rockchip Development Tool).

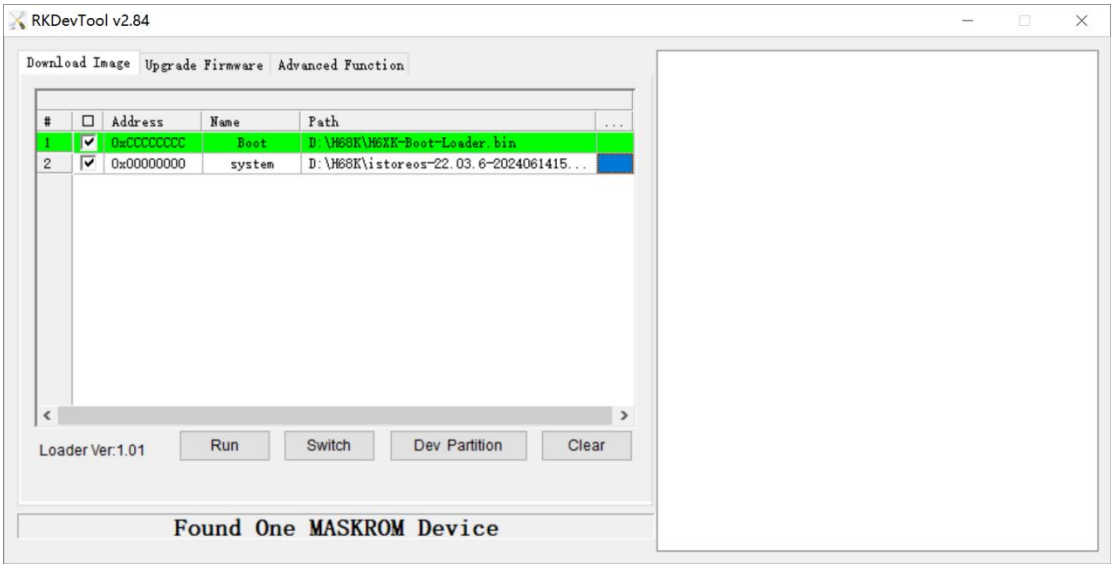
1,Disconnect the power supply and all data cables, then remove the TF card.

2,Hold down the '**BOOT button**' in the picture without releasing it.

3,Connect the SoloLinker-B(Type-A interface) to the PC(Type-A interface) with USB cable.

4,If you see the message '**Found One MASKROM Device**' in the Rockchip Development Tool, then the connection is successful. You can now release the '**BOOT button**' .

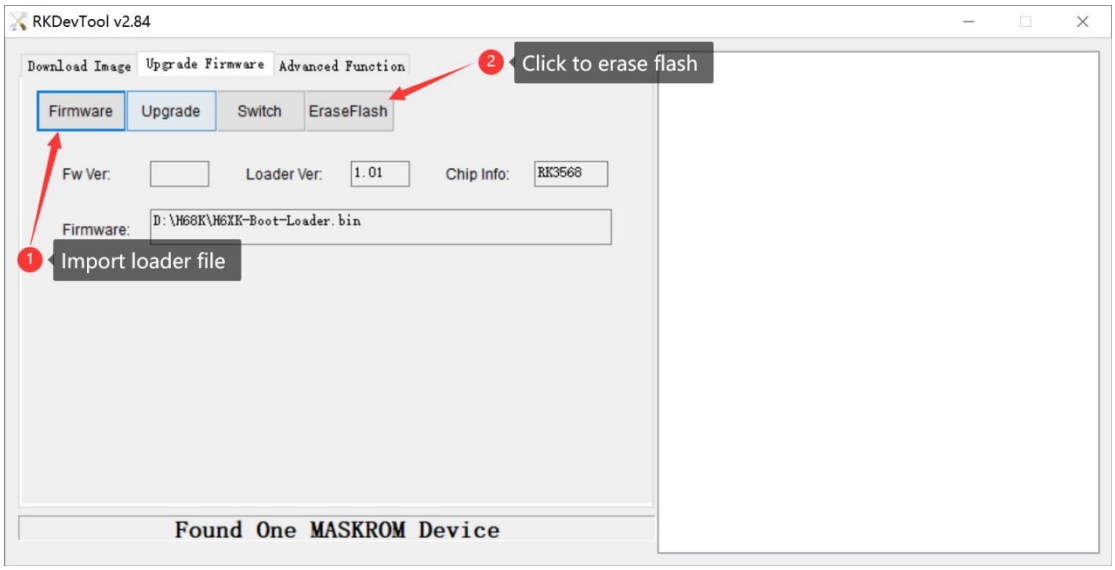




Erase Flash

1,In the '**Upgrade Firmware**' tab, click the '**Firmware**' button and import the **HT2-Boot-Loader.bin** file.

2,Click the '**EraseFlash**' button to begin erasing the flash. After the erasure is successful, a success pop-up window will appear.



Burning Firmware to Device

Below are two methods for flashing two different types of firmware, with no specific order.

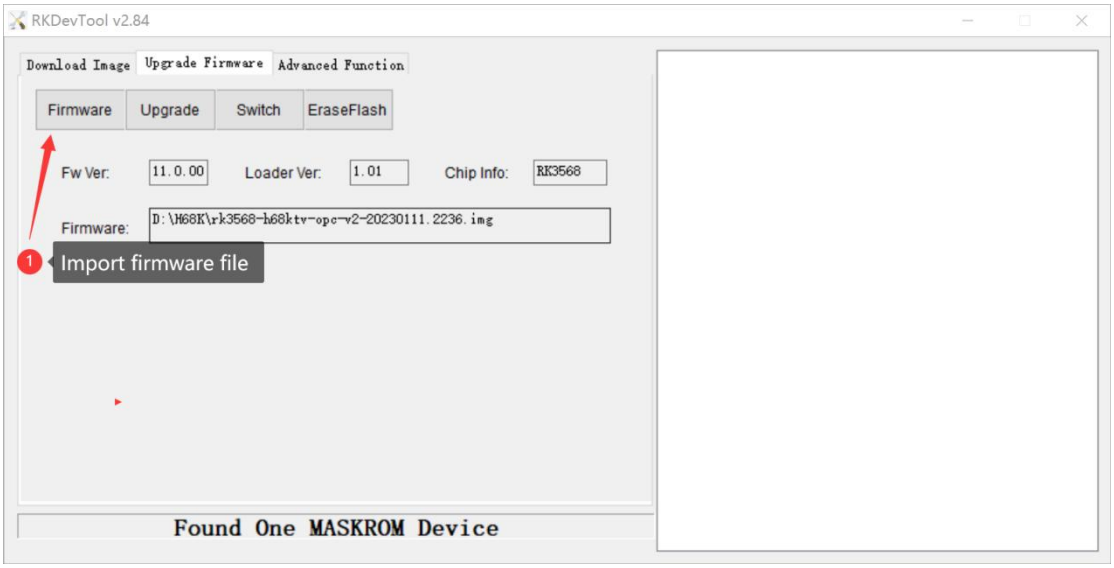
1,Flash Android Firmware

1.1,Import Firmware

In the '**Upgrade Firmware**' tab, click the '**Firmware**' button to select the firmware.

Avoid using excessively deep paths, and ensure the path and filename are composed solely of English letters and numbers.

Formats such as .zip, .gz, .7z, etc. are compressed files. Firmware is generally in .img format. Make sure to decompress these compressed files and use the .img file.

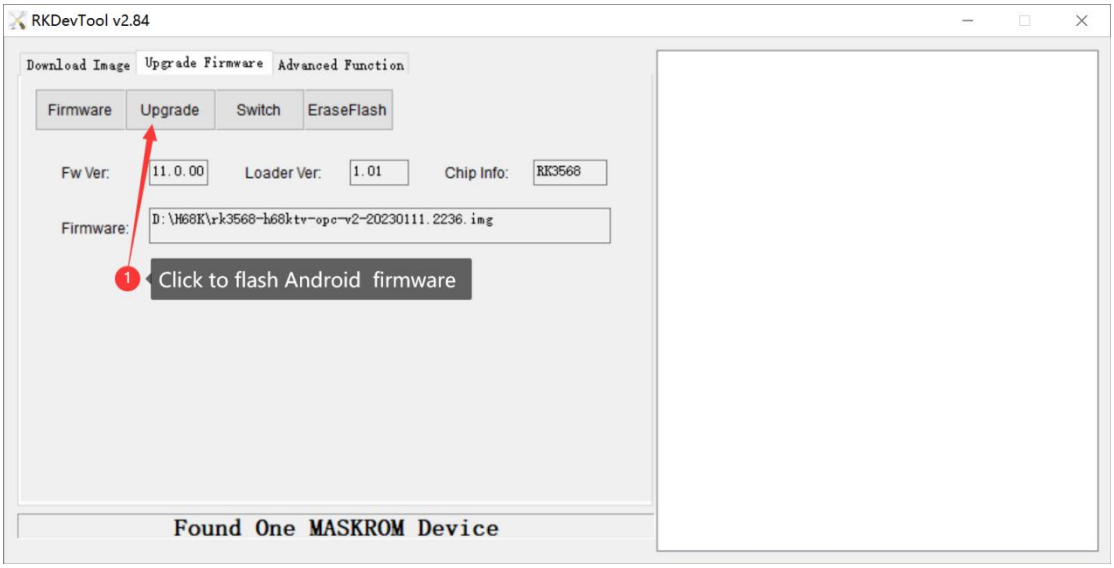


1.2,Begin flashing

In the '**Upgrade Firmware**' tab, click the '**Upgrade**' button to begin flashing the Android firmware into SoloLinker-B.

This operation needs to be performed in maskrom mode. If the device does not automatically restart into maskrom mode after erasing the FLASH, please manually enter maskrom mode again.

After the flashing process is complete, the system will automatically restart. Please use an adapter to provide power.



2,Flash istoreOS/OpenWrt/Armbian/Ubuntu/Debian Firmware

2.1,Verify the firmware image and Boot files

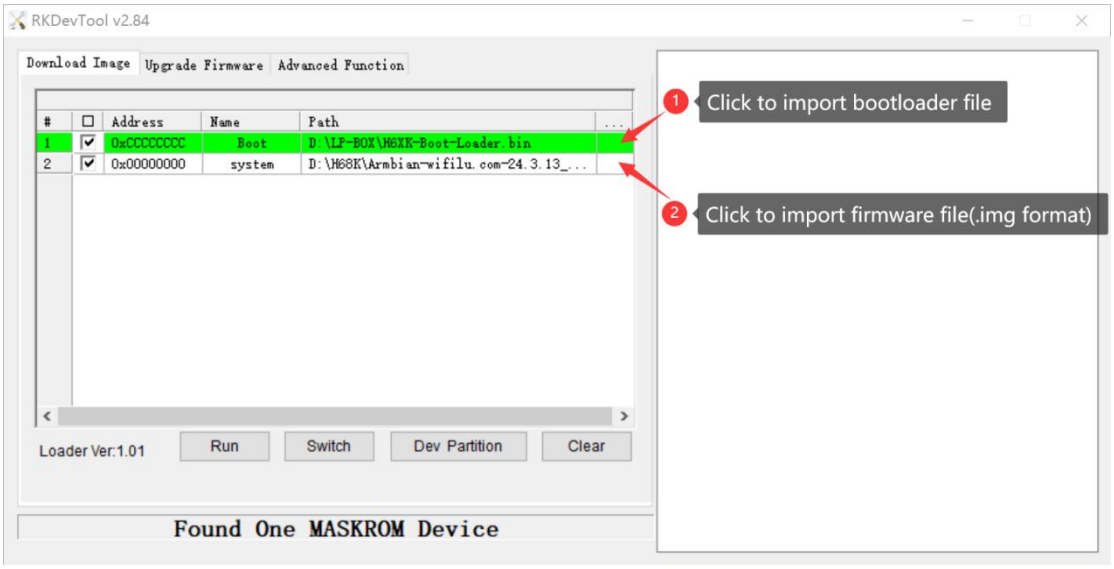
Switch to the '**Download Image**' tab, verify the file paths for the two partitions, and you can manually select files.

The **boot** partition file is actually the **HT2-Boot-Loader.bin** file, which is a bootloader file.

The **system** partition is the firmware image that you are going to flash.

Avoid using excessively deep paths, and ensure the path and filename are composed solely of English letters and numbers.

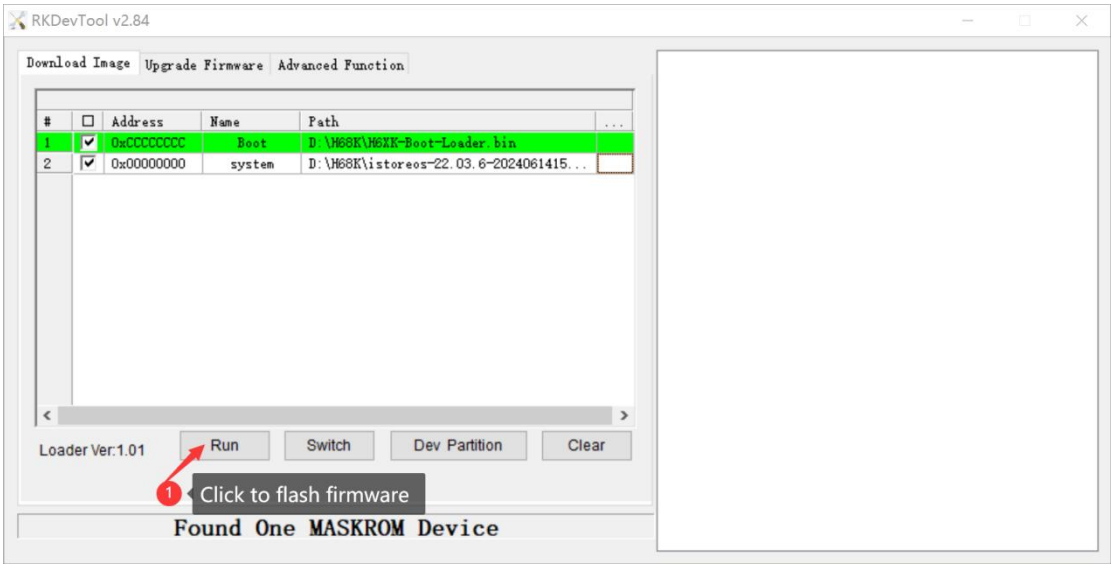
Formats such as .zip, .gz, .7z, etc. are compressed files. Firmware is generally in .img format. Make sure to decompress these compressed files and use the .img file.



2.2,Begin flashing

Click the '**Run**' button to begin flashing the firmware.

This operation needs to be performed in maskrom mode. If the device does not automatically restart into maskrom mode after erasing the FLASH, please manually enter maskrom mode again.



2.3,Flashing completed

When the log shows '**Download image OK**', it indicates that the firmware flashing is finished.

After the firmware flashing is completed, you need to unplug the USB cable and use an adapter for power supply.

If using a computer to provide power through a USB cable, it may result in insufficient power supply and cause device driver registration to fail.

The device takes some time to start up. If it fails to start within 5 minutes, try power cycling it.