

AM8 / SK1

FIRMWARE UPGRADE GUIDE

Following guide refers to devices based on Amlogic S928x.

What do you need:

Image file

Application for flashing devices based on Amlogic processors. Aml_Burn_Tool version no lower than 3.2.8.

Host PC

USB-OTG Cable

Supported host OS:

Windows 7 (32/64bit)

Windows 8 (32/64bit)

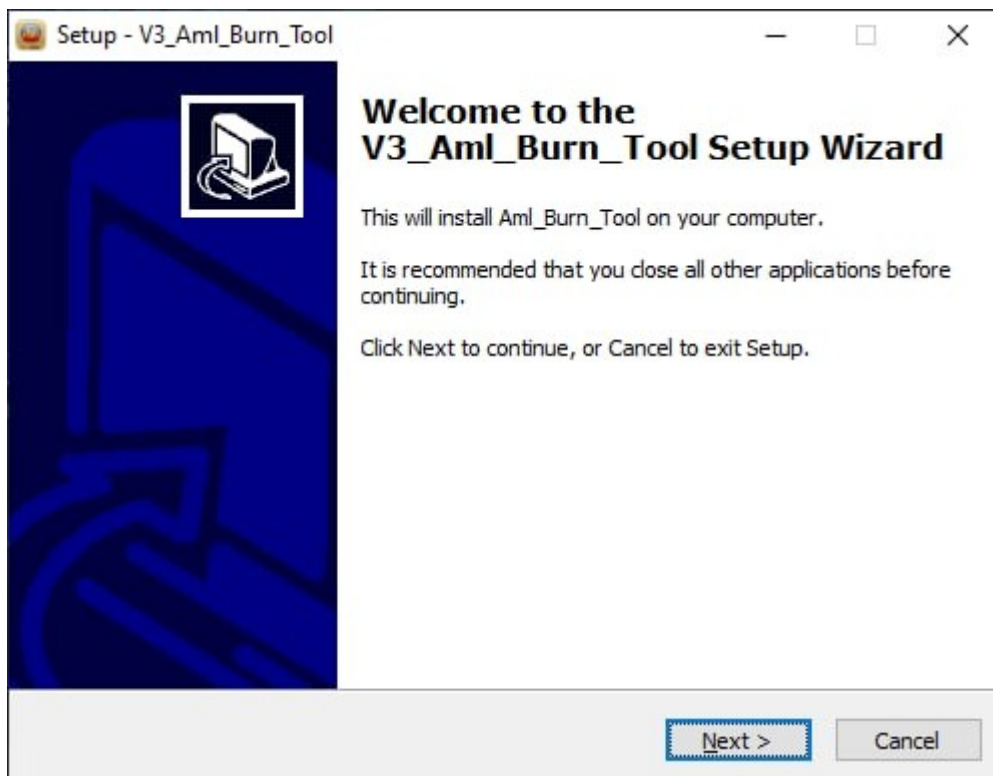
Windows 8.1 (32/64bit)

Windows 10 (32/64bit)

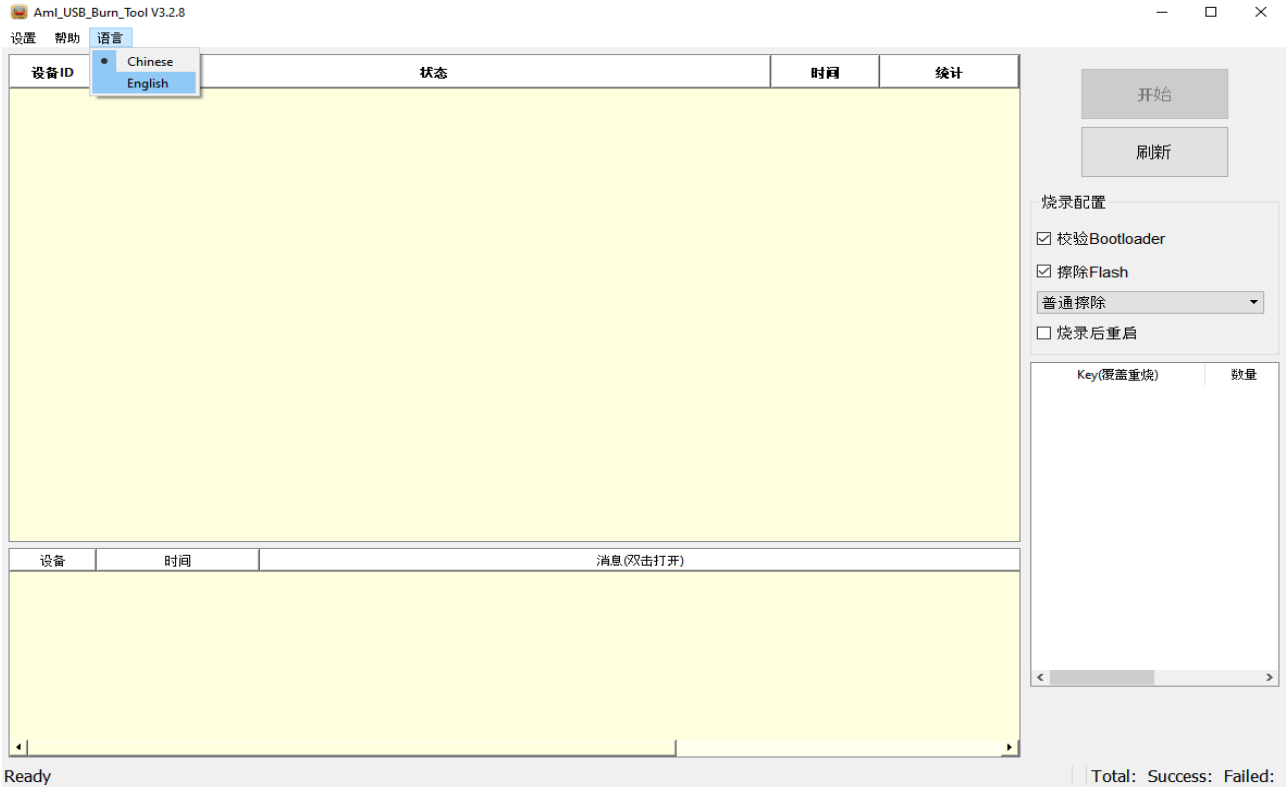
ATTENTION!

If you download full firmware (7z file contains “.img” file, this guide and Aml_Burn_Tool) please read following instructions.

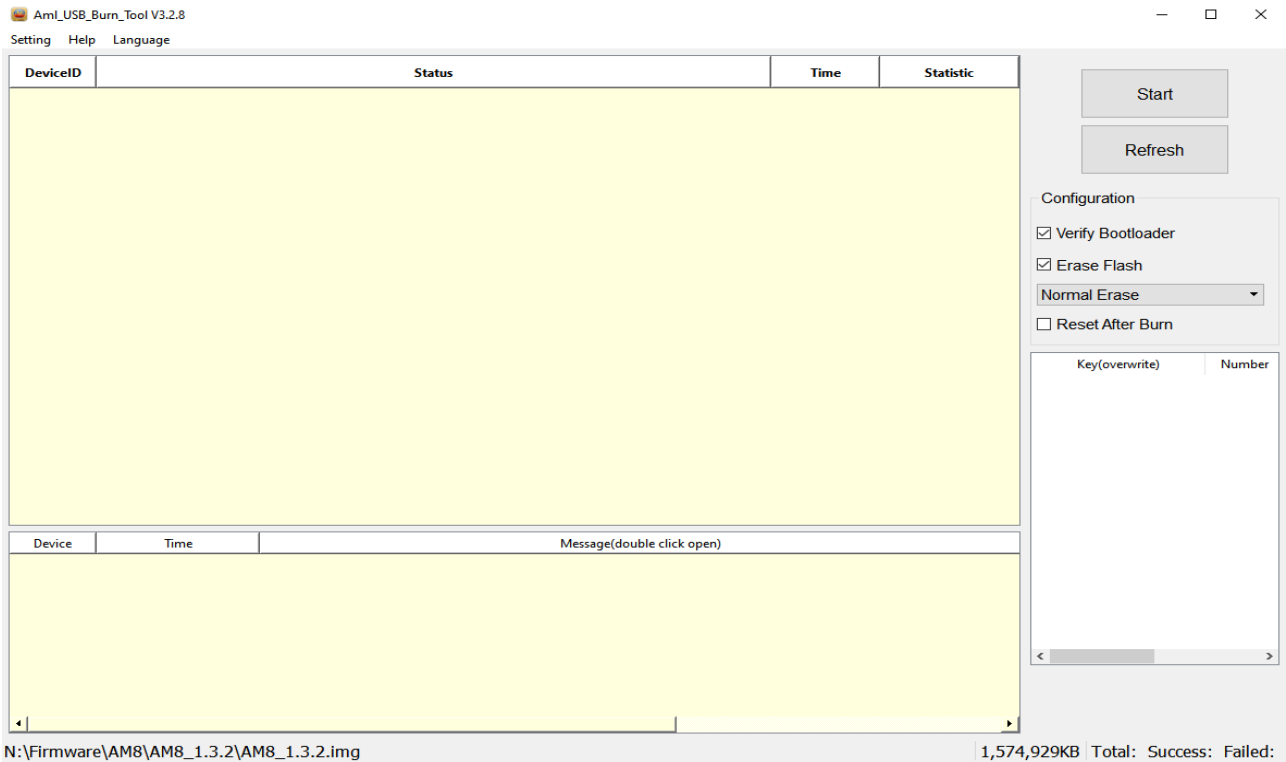
1. You need to download the firmware archive. Make sure, using current firmware fits your device, otherwise it could cause harmful consequences.
2. Unpack 7z archive. In directory, you can find firmware file “.img” and Aml_Burn_Tool.
3. Install Aml_Burn_Tool. During installation, you should allow to install additional drivers for Amlogic devices detection.



4. Run and change language in menu.



5. Open firmware file (Setting - Load Img) and press "Start".



6. Connect device to PC via USB-OTG cable. For AM8 use USB-A – USB Type-C OTG cable, for SK1 is USB-A – USB-A OTG cable.

AM8**SK1**

7. Press and hold the “Recovery” button. The SK1 has a “Recovery” button located inside the 3.5mm audio jack.
8. Connect the power supply to the device.
9. Hold the “Recovery” button. After about 5 seconds PC detects device.

AM8

SK1



10. When PC detects device, reflashing process starts automatically. If the process has not started, you should check Amlogic drivers in device manager and repeat it's installing.

AmI_USB_Burn_Tool V3.2.8

Setting Help Language

DeviceID	Status	Time	Statistic
Hub6-3	Downloading_super 6%	6	

Stop

Refresh

Configuration

Verify Bootloader

Erase Flash

Normal Erase

Reset After Burn

Key(overwrite)	Number

Device	Time	Message(double click open)

N:\Firmware\AM8\AM8_1.3.2\AM8_1.3.2.img 1,574,929KB Total: Success: Failed:

11. After reflashing device has finished you will see message "Burn Success".

The screenshot displays the Aml_USB_Burn_Tool V3.2.8 application window. The main interface is divided into several sections:

- Table 1:** A table with columns: DeviceID, Status, Time, and Statistic. The first row shows "Hub6-3" with a status of "Burn Success 100%", a time of "1:52", and a statistic of "0/1".
- Configuration Panel:** Located on the right, it includes a "Stop" button, a "Refresh" button, and a "Configuration" section with the following options:
 - Verify Bootloader
 - Erase Flash
 - Normal Erase (dropdown menu)
 - Reset After Burn
- Table 2:** A table with columns: Device, Time, and Message(double click open). The first row shows "Hub6-3", "11.02 10:36:36.592", and "[flow]Burn_successful".
- Footer:** Displays the file path "N:\Firmware\AM8\AM8_1.3.2\AM8_1.3.2.img", the file size "1,574,929KB", and the summary "Total:1 Success:1 Failed:0".

12. Disconnect device and host PC.