Android 11 OS

document

2021, Chipsee

Content can change at anytime and best to refer to website for latest information

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Android 11 OS

Android 11 OS on RK3568 User Manual



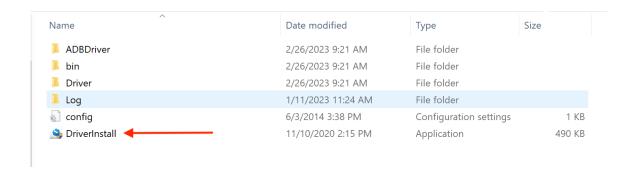
Flashing OS Image

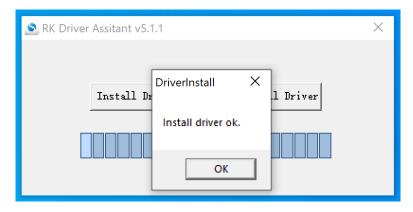
Download Required Tools

You need two tools to flash the Android 11 OS image to the RK3568 PC. The first is DriverAssistant_v5.1.1, the second is RKDevTool_v2.93, you can download all of them here.

These tools are Windows executables, please execute them on a Windows machine.

If you've been using a prior version of *DriverAssistant*, click uninstall before installing *DriverAssistant_v5.1.1*.





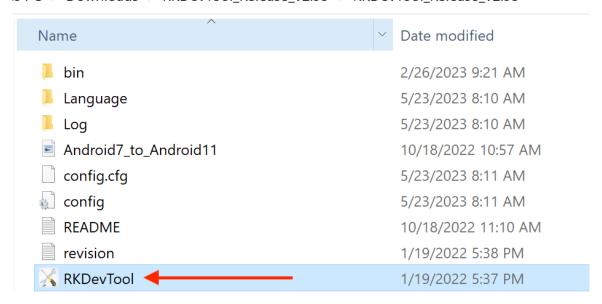
Download Prebuilt OS Images

If you haven't downloaded the prebuilt OS images, you can find one here.

Start Flashing

After installing the DriverAssistant, you can now start to flash an OS image to the RK3568 board with *RKDevTool*. Double click the program to start flashing. The tool has English and Chinese language support.

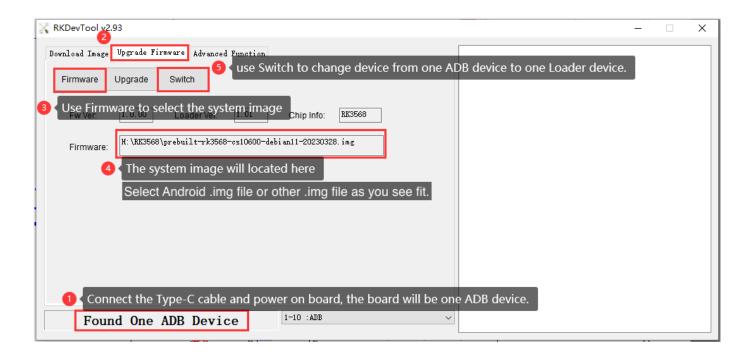
is PC > Downloads > RKDevTool_Release_v2.93 > RKDevTool_Release_v2.93



STEP 1:

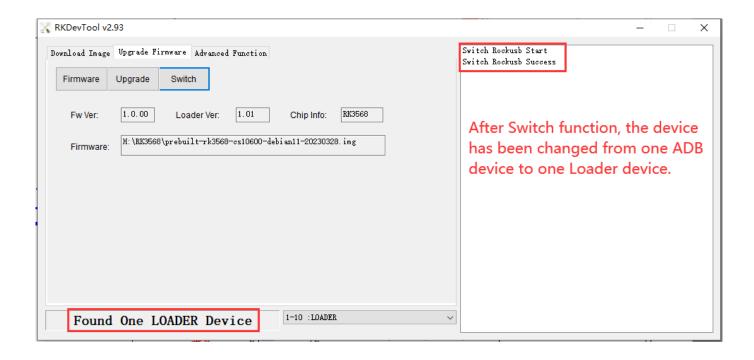
- 1. Connect the Type-C cable and power on the board. (If unexpected messages occurs at any of the following steps, try plugging the Type-C cable again.)
- 2. Click **Upgrade Firmware** tab.

3. Click **Firmware** button to select a .img Android 11 image file. The screenshots show a debian11 img file is selected, but this is applicable to other OSes as well.



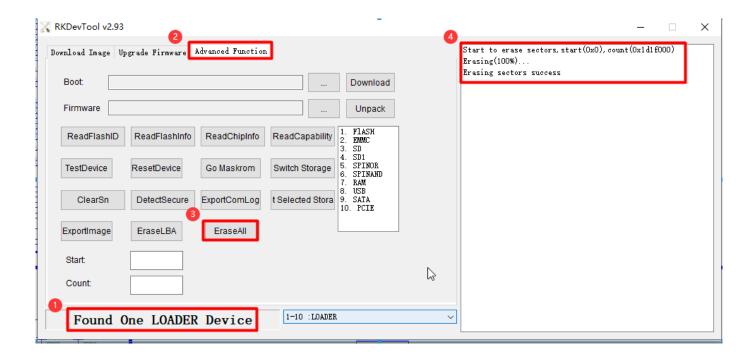
STEP 2:

1. Click **Switch** button to switch the device to a Loader device.



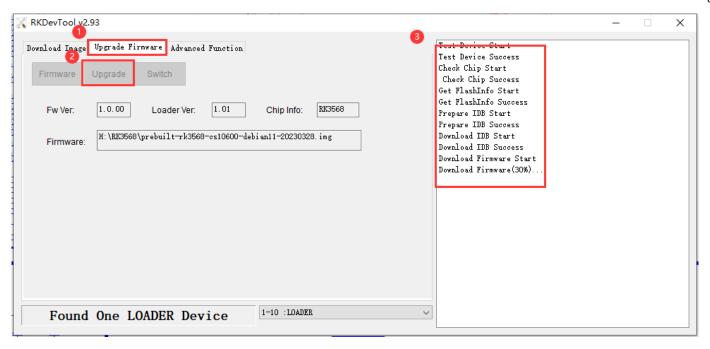
STEP 3:

- 1. You should see "Found One LOADER Device".
- 2. Click **Advanced Function** tab.
- 3. Click EraseAll button.
- 4. You should see "Erasing sectors success" on the right side logs.



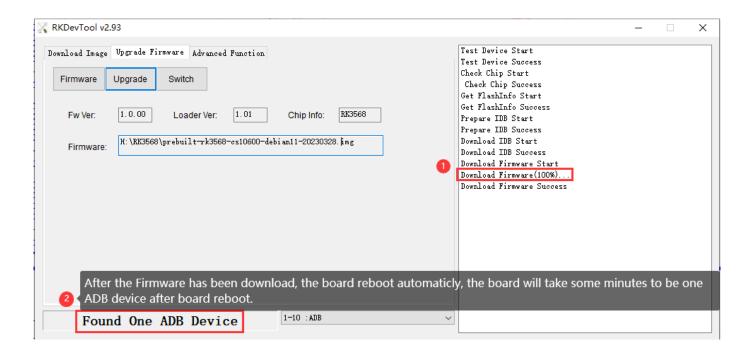
STEP 4:

- 1. Click **Upgrade Firmware** tab.
- 2. Click **Upgrade** button.
- 3. You should see Download Firmware progress on the right side logs.



STEP 5:

- 1. After the download firmware progress goes to 100%, the board reboots itself automatically.
- 2. After a few minutes, you should see "Found One ADB Device".
- 3. Now your new OS is ready for use.



Notice

(This Android 11 OS User Manual is under active development as of 2023.5.23)