Portworld Solutions

How to flash firmware

Issued by: Portworld Solutions------June, 2025
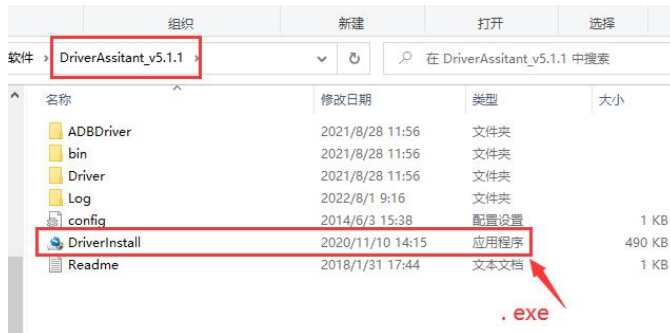
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Prerequisites:

1. Normally, we will send you the firmware along with the 'Driver' and 'Tools' in a ZIP format. Please decompress all the ZIP files.
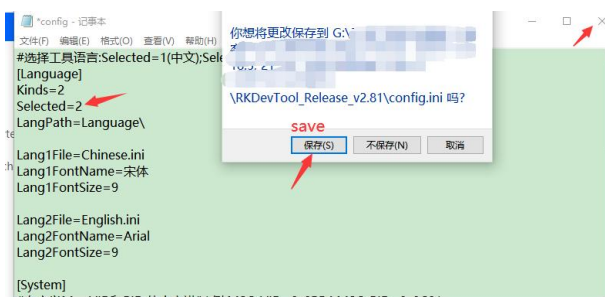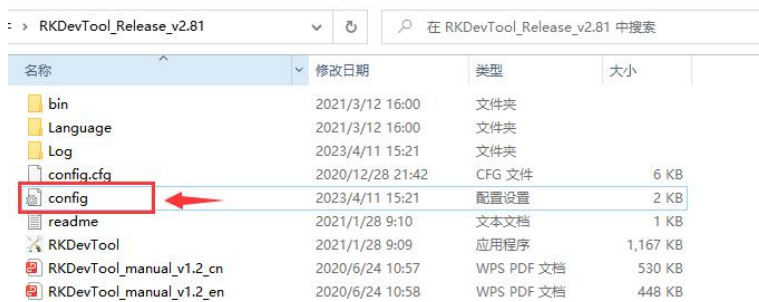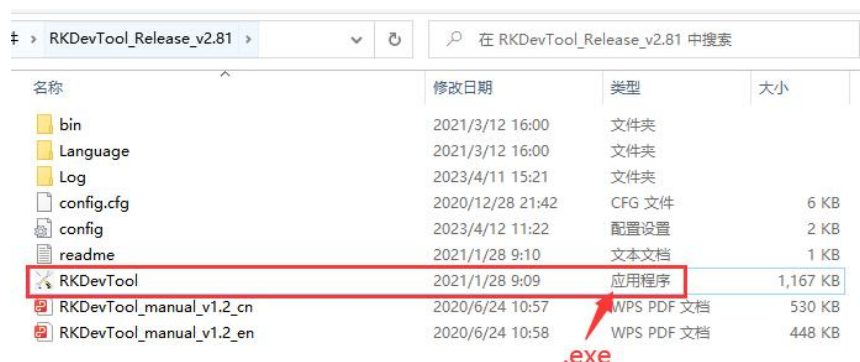
2. Install the USB Driver Assistant.

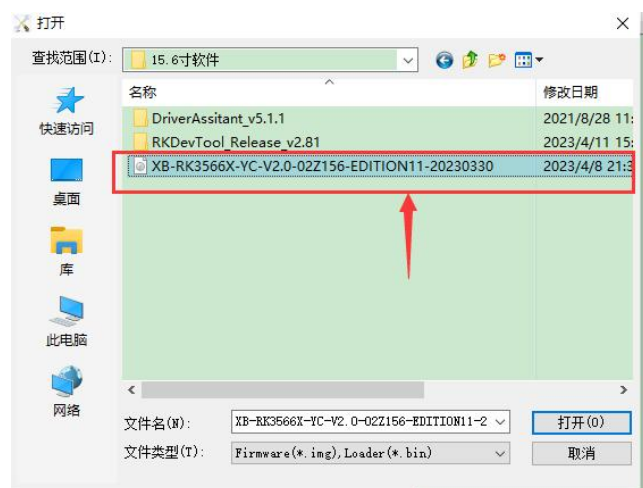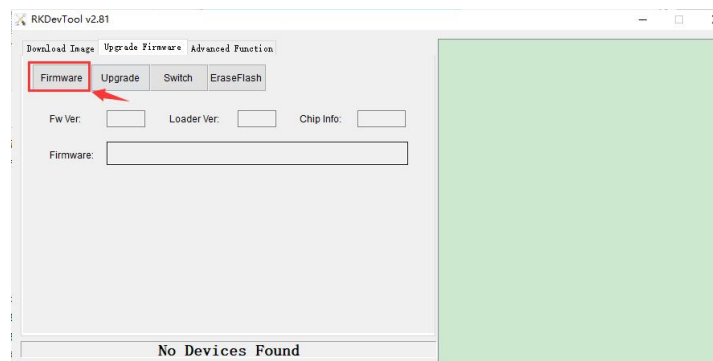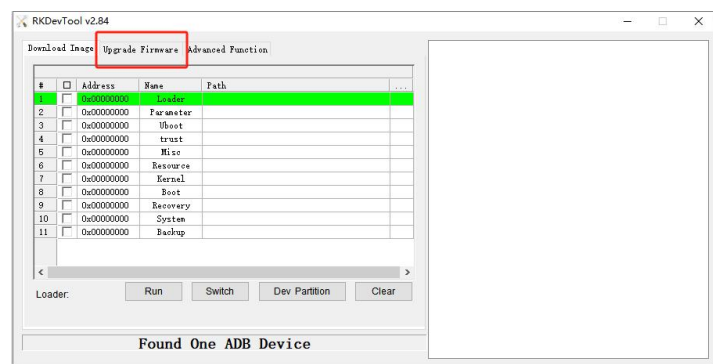3. To set the flashing tool's default language to English, follow these steps:

Open "config." Change "1" to "2." Close the file and save the changes.

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4. Open the .exe format flashing tool and start the flashing process.

5. Click "Upgrade Firmware," then "Firmware," and select the firmware we sent you (in .img format).
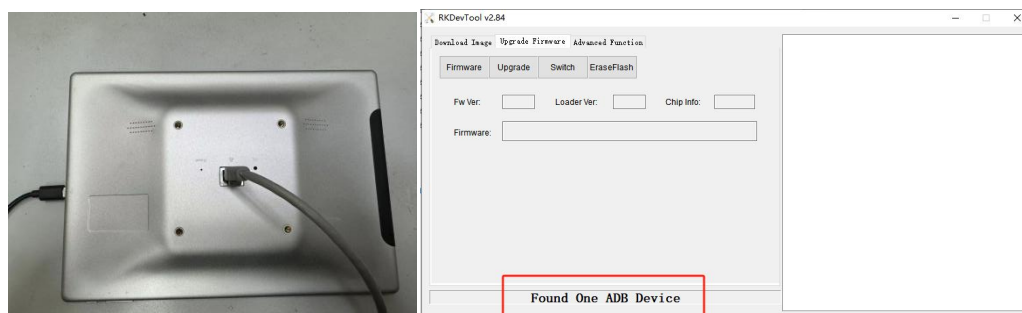
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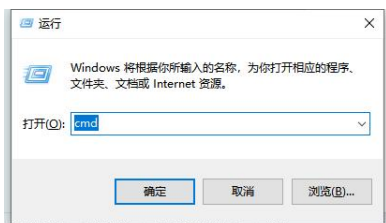

Method 1: How to Use ADB Flashing

1. Unzip the compressed 'adb' file I sent you and put on the desktop.
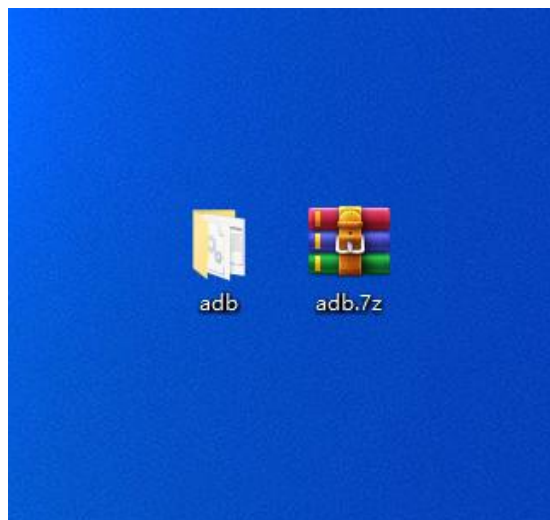
2. Connect the USB cable to the device, power on the device, and enter the desktop. The flashing tool should show 'Found One ADB Device'.
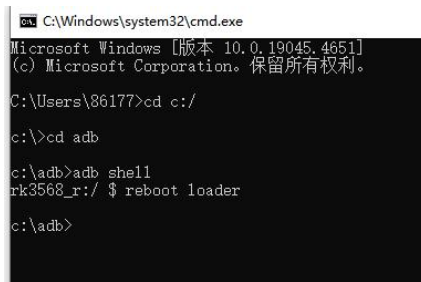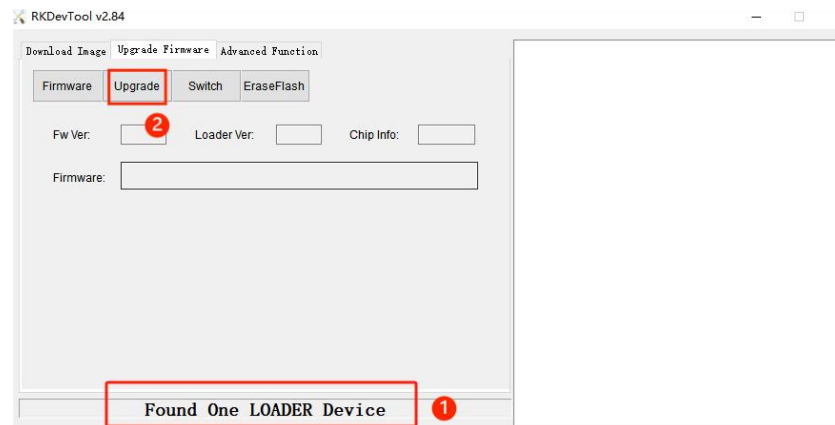

3. Press Win+R and enter cmd.
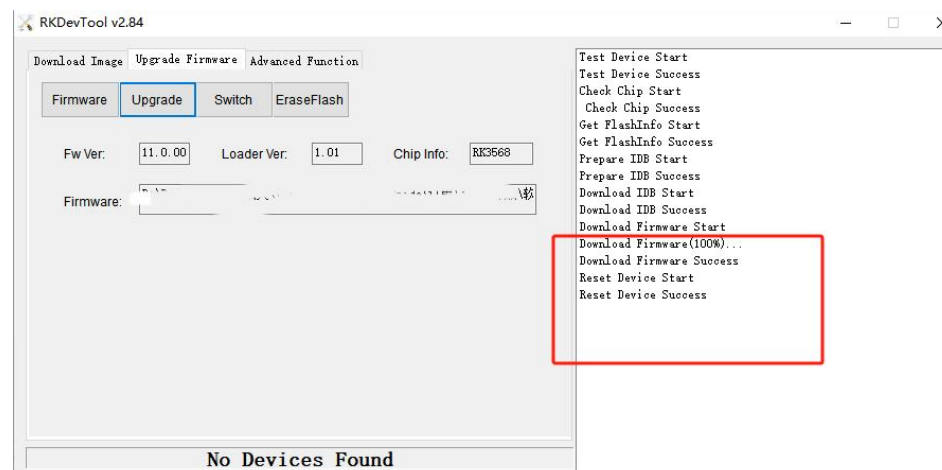

4. Enter the following commands:
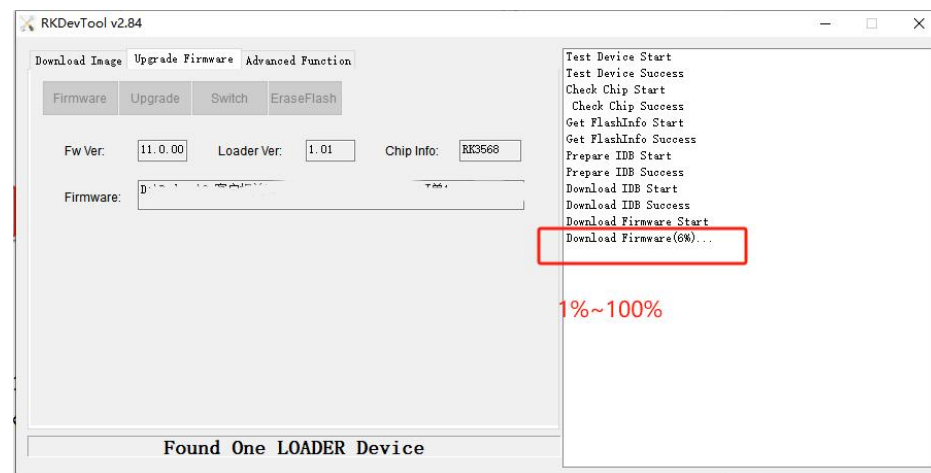
cd c:/
cd adb
adb shell
reboot loader

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5. Then the tool will change to 'Found One Loader Device'. ----Click 'Upgrade'.

6. Flashing process will shows at right part, from 1% to 100% and shows successfully at right part, it will reboot by itself (first reboot process takes about 3 minutes.)

Method 2: Forced Flashing Mode------For devices that have crashed and cannot boot

1. Connect the computer (USB port) with the tablet (Type C/ Mini USB / Micro USB port) via USB cable, please note don't give any power(DC/AC or POE) to the tablet now.

2. Press the reset button and hold it down, then give the power

Please note: Different models have different reset buttons. Please contact the sales to confirm.

3. After the"No devices Found" turns into "Found a Loader device", you can release the reset button.

4. Click "Upgrade" now. Flashing process will shows at right part, from 1% to 100% and shows successfully at right part, it will reboot by itself (first reboot process takes about 3 minutes.)
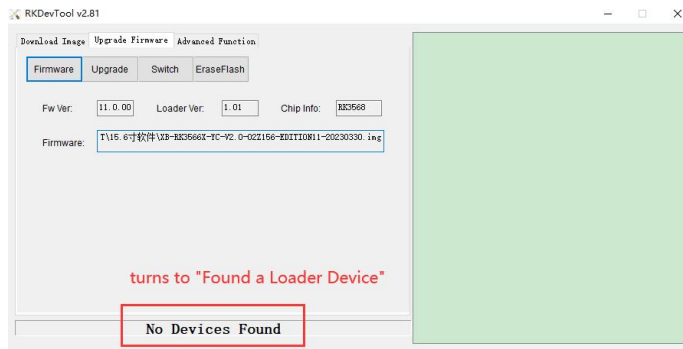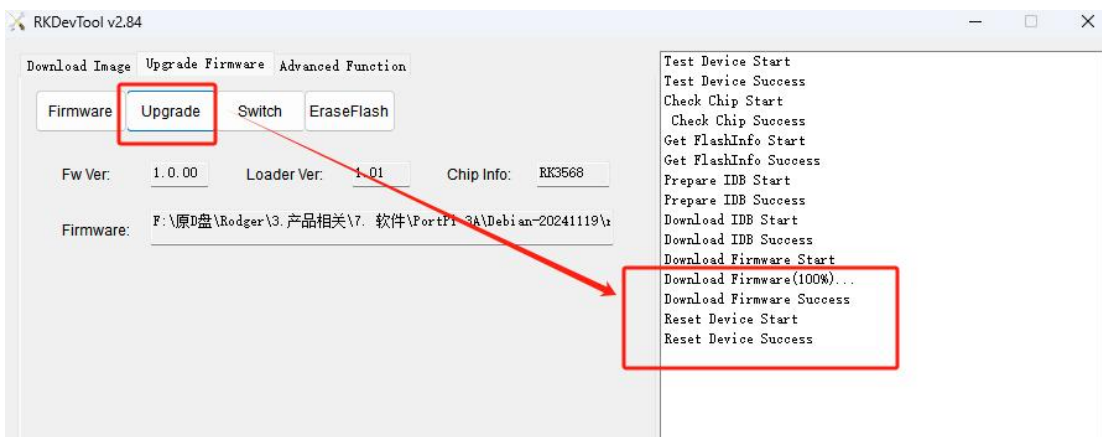
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Method 3: Not available on all Portworld devices

1. Connect the USB cable to the device, power on the device. The flashing tool should show 'Found One ADB Device'.

2. Click the 'Switch'. Wait until you see 'Switch Rockusb Success'. Then the tool will change to 'Found One Loader Device'.

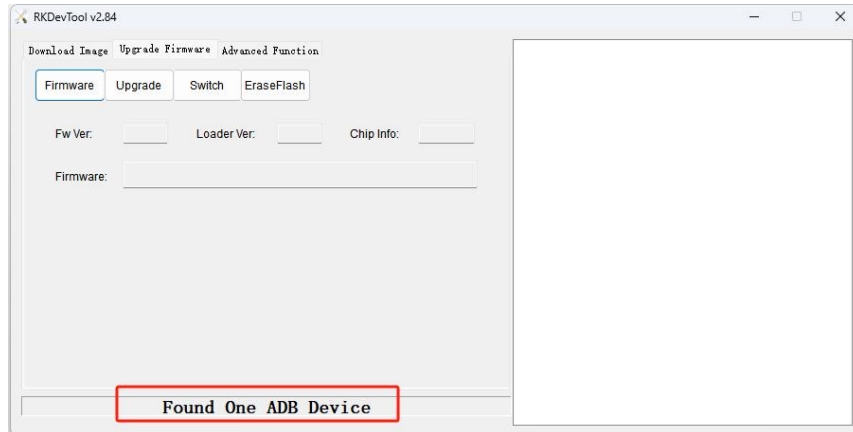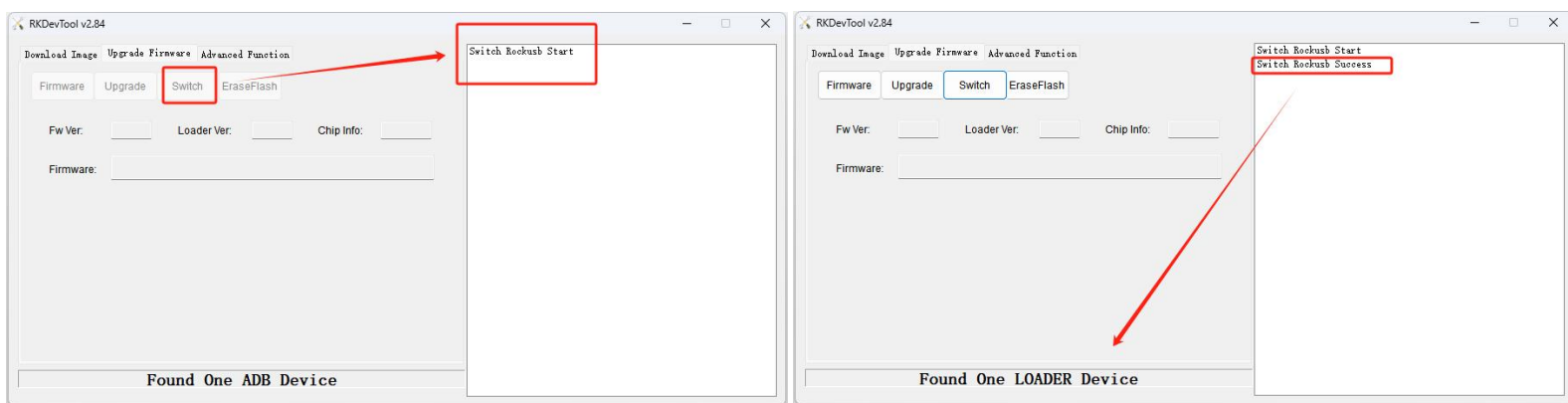3. Click "Upgrade" now. Flashing process will shows at right part, from 1% to 100% and shows successfully at right part, it will reboot by itself (**first reboot process takes about 3 minutes.**)