

SZ3568 Install Board v1_0

2024-03-14

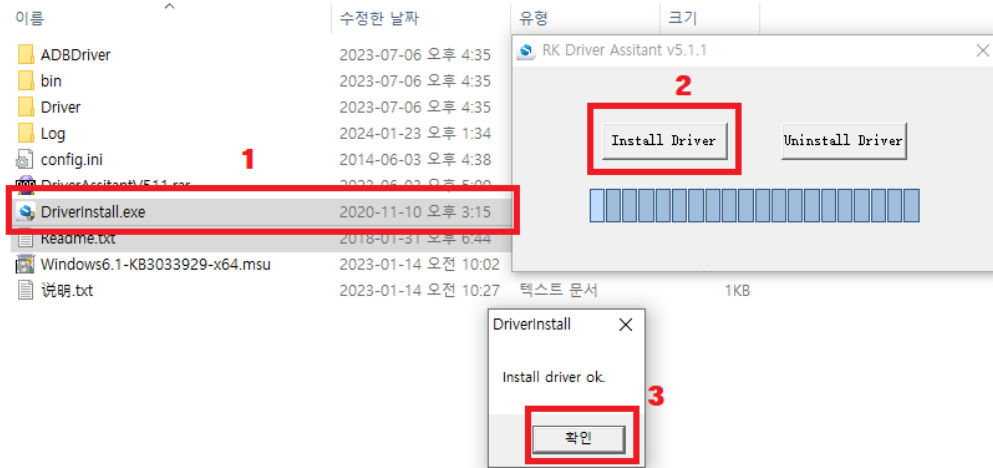
Preparation:

- SZ3568 Board
- USB A-A Cable
- SZ3568 firmware img
- RK DevTool (Windows)
- Power
- (option) Mouse, Keyboard, HDMI Cable

autobase / root password: 1234

i. How to enter Loader mode of the board and write the image

1. Unzip "RKDevTool.zip" and then run "DriverAssistantV511\DriverInstall.exe" to Install Driver. After Install driver ok, click ok.



2. Connect your PC which has RKDevTool.exe and **USB OTG Port** of the SZ3568 board with the USB A-A cable. USB OTG Port is next to the HDMI port.

After you connect them, turn on the power **while you are pressing the recovery button**.

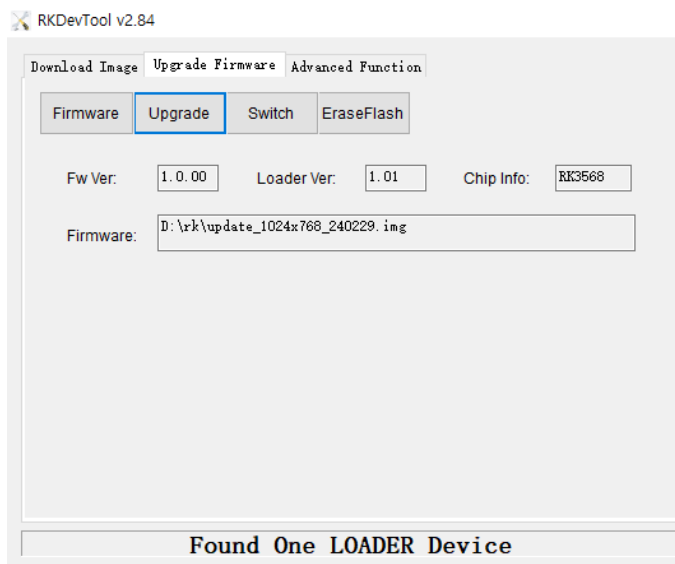


<Example of connecting the device while pressing the recovery button>

3. If you succeeded to connect your device and entered to the loader mode, you can see the LED from the board turned on.

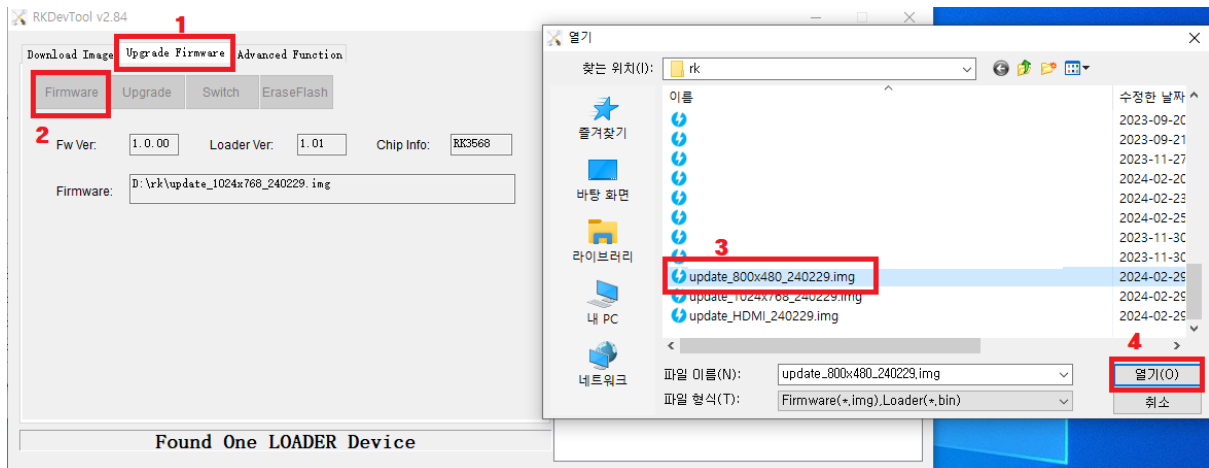
Plus, you can see "Found One LOADER Device" from the RKDevTool.exe of your PC.

Then, **release the recovery button.**



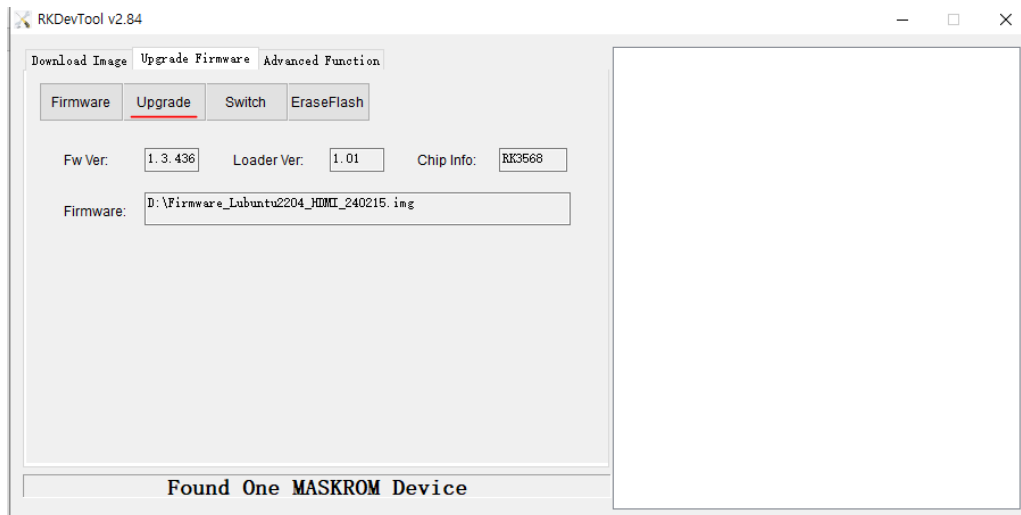
<Examples of LOADER mode when the device is successfully connected >

If your PC cannot find the device after it's booted normally, go back to step one and uninstall the driver in DriverInstall.exe. And then try to re-install the driver.



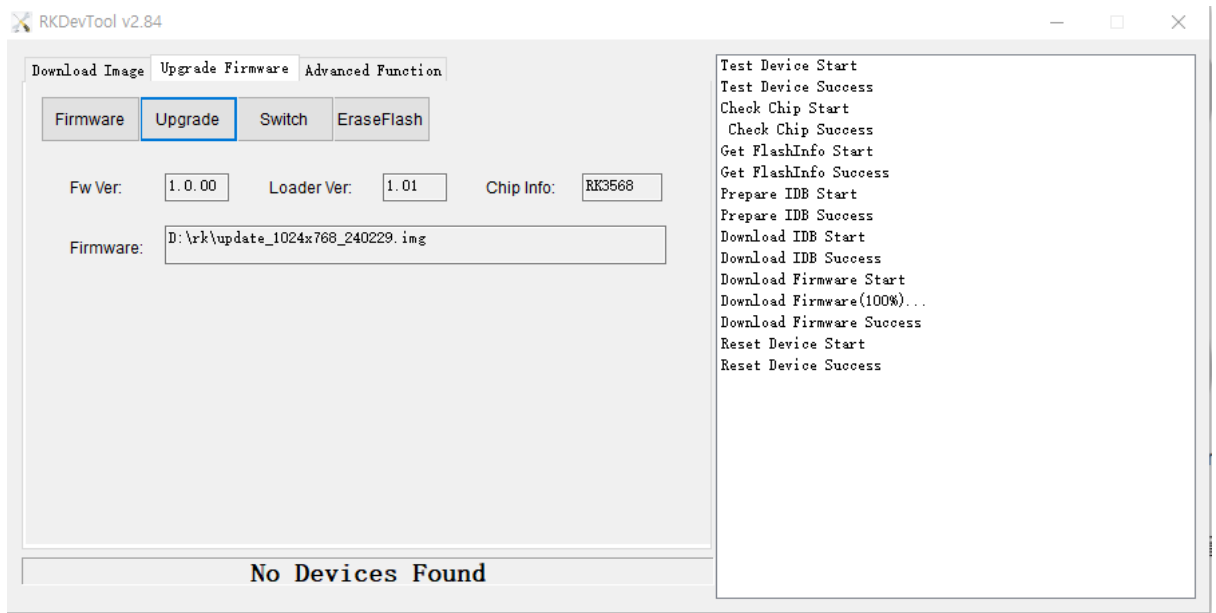
- ① Go to the [Upgrade Firmware] tab,
- ② Click the [Firmware] button,
- ③ Choose the firmware .img file you want to write,
- ④ Click the 'open' button.

If the RKDevTool read the .img file successfully, it will show the information of the file.



Then, click the [Upgrade] button to start to write your firmware to the board.

4.



When the RKDevTool.exe start to write the firmware, it will show the message on the right side.

If you see 'Download Firmware Success' message on the right side

and 'No Devices Found' message on the bottom, the board will be reset and load the kernel.

You can see the write process via the screen or the monitor which is connected with HDMI.

* Initial reset takes time a little bit longer than usual boot.

** If the device doesn't reset properly for a long time, cut off the power and reset the board.

*** If the device doesn't response, go to the first step and re-write the firmware.

<After Boot>

1. If the board boots successfully, you can see the home screen like this.

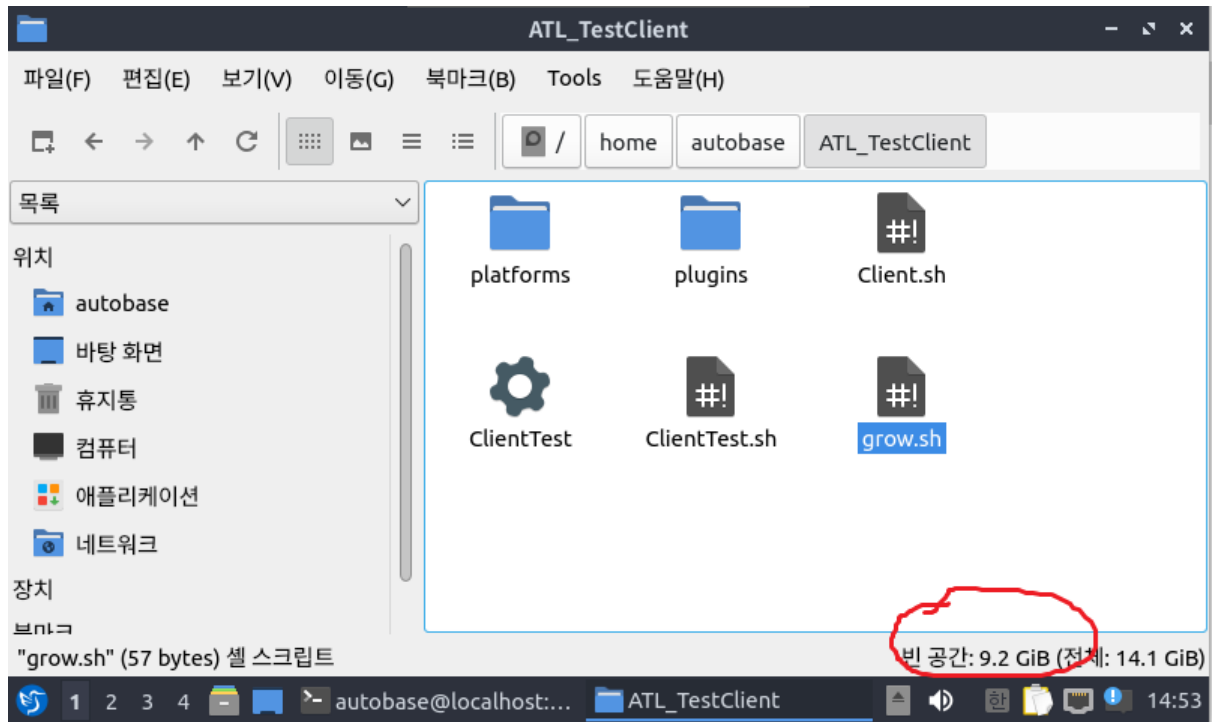


2-1. You can calibrate your touchscreen of ATL by execute the 'calibration' on the home screen.

You can skip this step if you are using the ATL-7H Box version



2-3. Execute the /home/autobase/ATL_TestClient/grow.sh file to expand your space.



You can expand your user partition like this.