

DK630 User burning instructions

V1.0

Geniatech

REVISION HISTORY

Date	Version	Reason for change	Personnel	Remark
2022/09/23	1.0	Create document	CM	

Driver download link:

<https://pan.baidu.com/s/1ZILYUhaLwQKaeUYKvyuNNG>

Code: dfhm

Burn Firmware & Tools download link:

LVDS(21.5):

https://pan.baidu.com/s/1zMRq_wd3U3EDo5afYroTyw

Code: 18rp

LVDS(12.1):

Link: <https://pan.baidu.com/s/1jopTUsdgT7rhzphRMdYrxA>

Code: cn6w

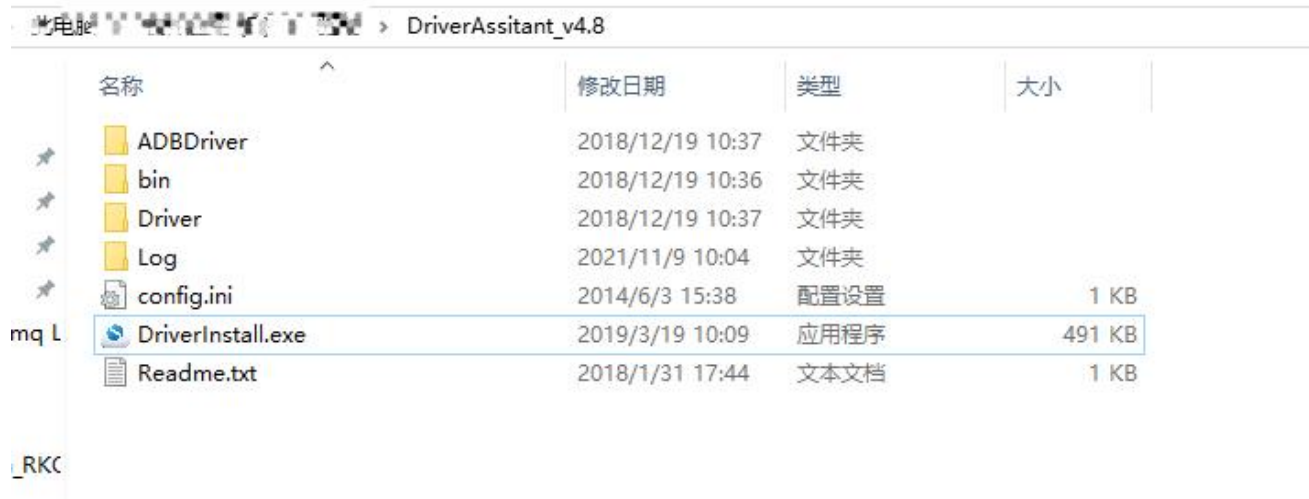
1. Hardware preparation:

- Burning cable with two USB male heads
- Computer (Windows 10 for example)
- **DK630** (RK3566)Board

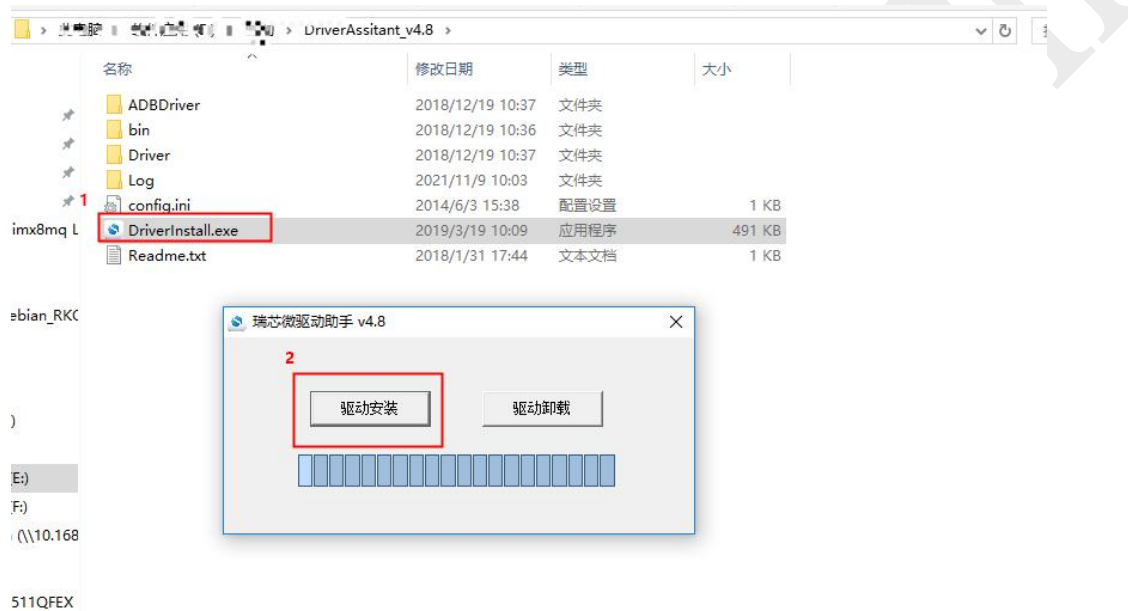
Note: If the computer cannot recognize the USB burning mode, you can install the driver and try again; If the PC burns normally, the driver installation can be ignored.

2. Install the burning tool driver:

- (1) Download the driver and extract it, as shown below:



(2) Double-click DriverInstall.Exe -> Click Driver Installation, as shown below:

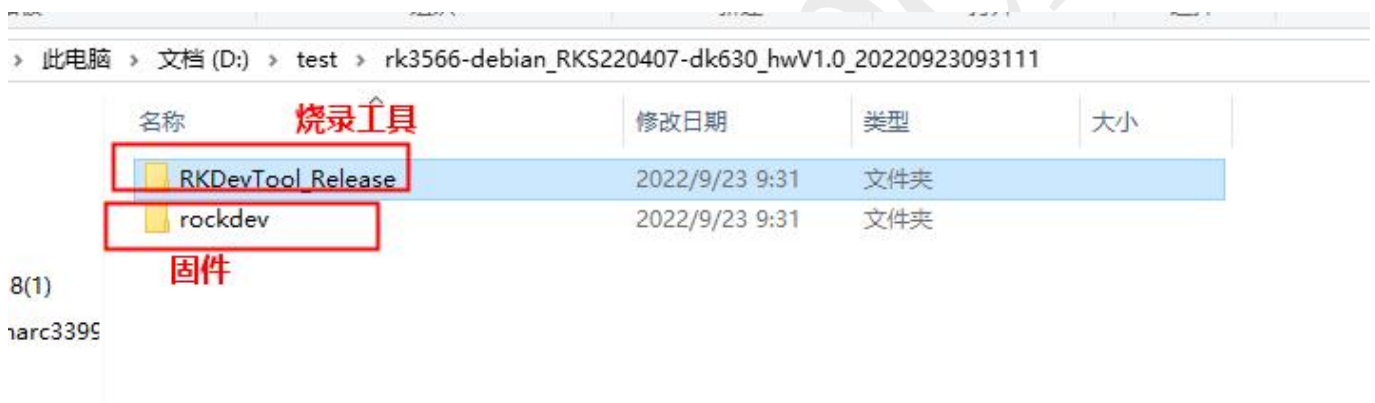


If the installation is successful, click OK.



3. Burning procedure:

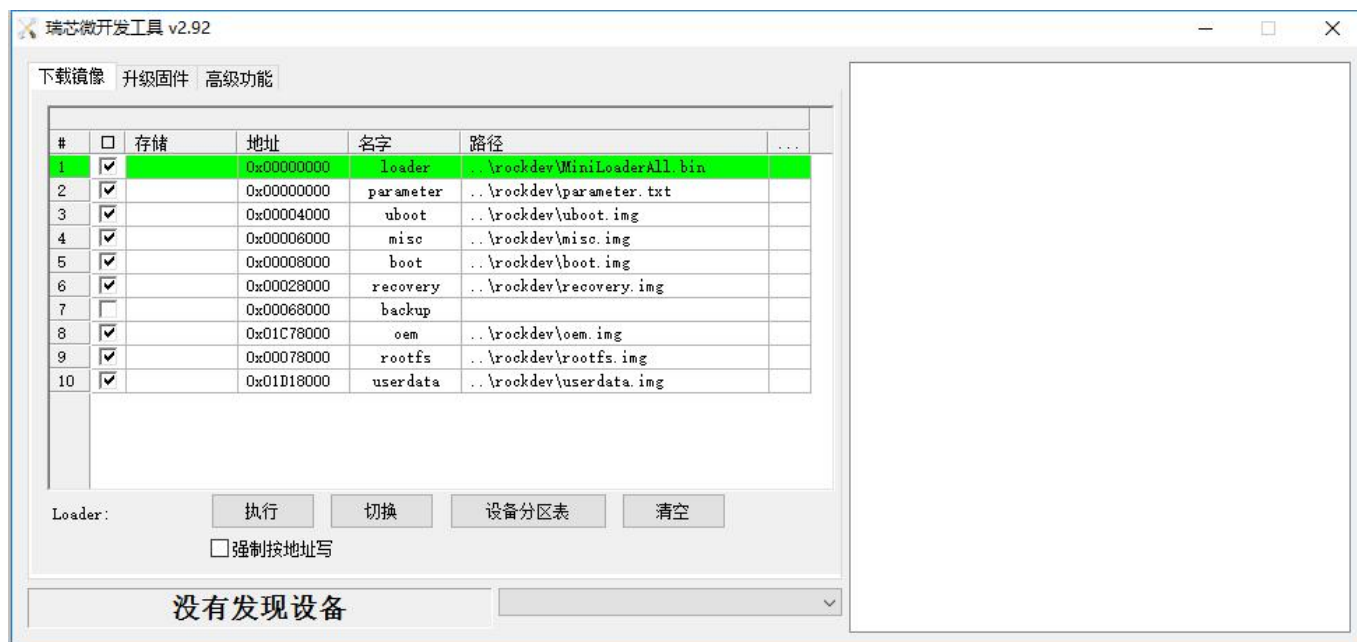
(1) Download the Debian system and unzip it as follows:



(2) Decompression:

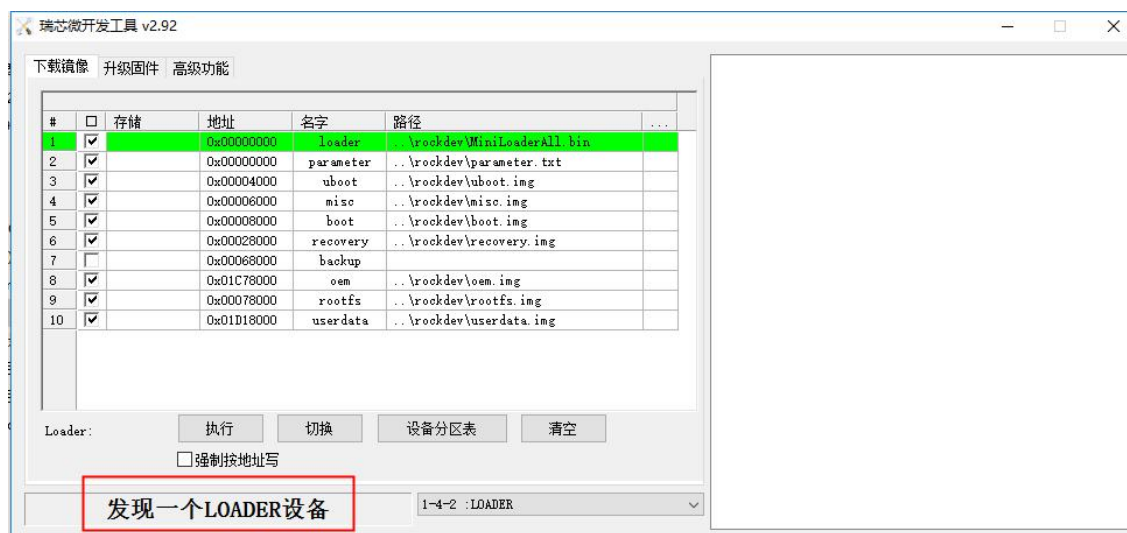
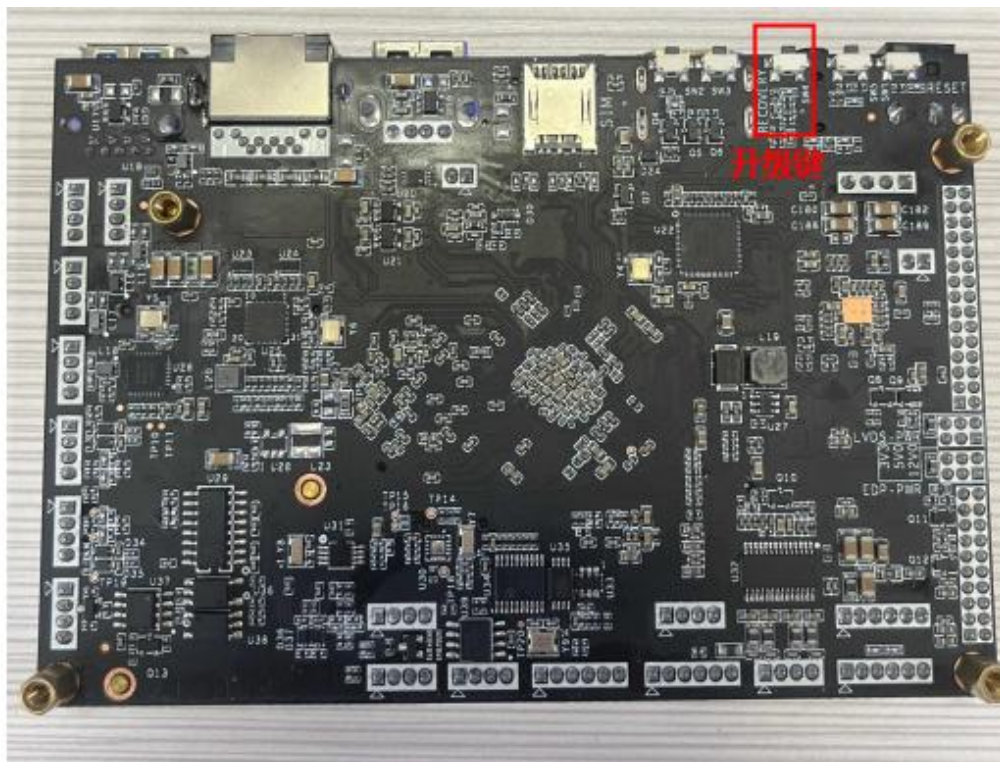
rk3566-debian_RKS220407-dk630_hwV1.0_20220923093111.tar.gz file。

Then run RKDevTool.exe in the "RKDevTool_Release" folder as follows:



(3) Hold down the upgrade button (as shown below), connect the PC and chassis via USB cable, hold down the upgrade button for 5-10 seconds, until "Discover a LOADER device" (find a loading device) appears in the tool, see the following figure:

If the tool can't find the device, reconnect the computer using a USB cable and power on the device while holding down the upgrade button for 5-10 seconds, it will prompt "Found a LOADER device".



(4) Then click "Upgrade Firmware" and click "Firmware" to load the update.img burning package. As follows:



(5) Click "Upgrade", the upgrade details will be displayed on the right. When complete, the box will automatically restart, and the interface will be displayed normally.



Note: If it was preinstalled with Android OS , you need to erase flash before burning Linux.

To erase the flash, perform the following steps:

Load the update.img burning package

Click "Advanced Features" and select "Erase All";;

After the erasing is complete, power off and restart to re-enter the burning mode, prompting "Found a MASKROM device";

Follow the below burning steps to burn.



