

FIRMWARE BURNING GUIDE

1. Introduction

This document mainly introduces how to use the USB flash tool to install the OS image to A10-3588 onboard eMMC.

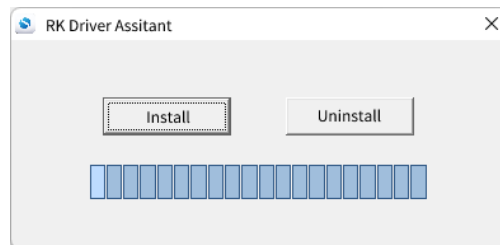
2. Install on Windows PC

a) Preparation

Download [rk-dev-tool](#) and [driver-assitant](#) then extract them to somewhere.

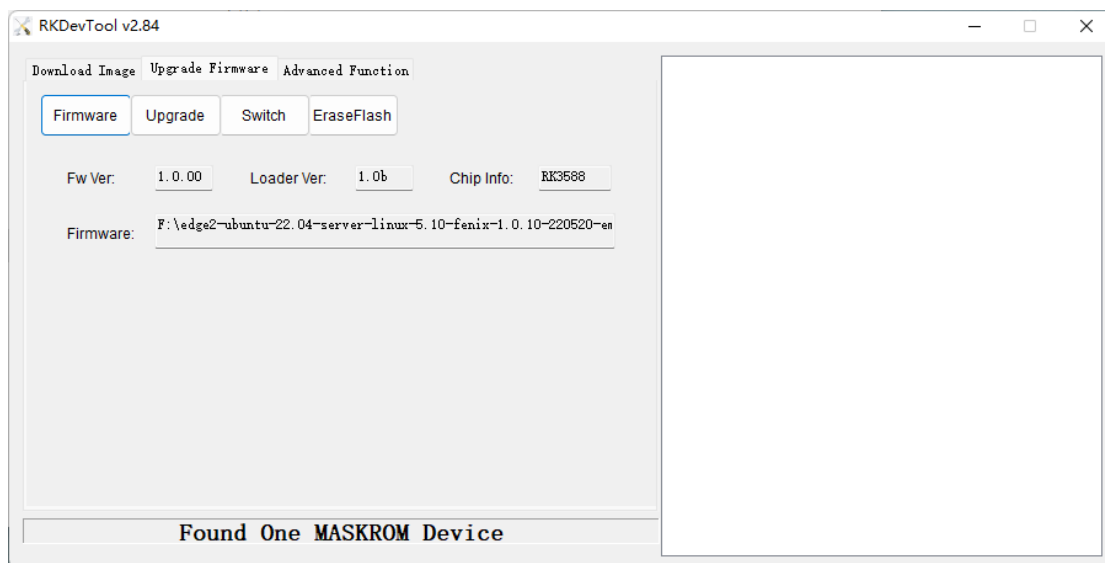
b) Install USB Drivers

- i. Enter "driver-assistant" folder, then run "DriverInstall.exe".
- ii. Double click "Uninstall" to uninstall.
- iii. Double click "Install" to install.



c) Install the OS

- i. Run "RKDevTool.exe". Then click "Upgrade Firmware" → "Firmware" to select a image.
- ii. Connect Edge and PC with a USB-C data-cable (Edge will power-on automatically).
- iii. Put your board into Upgrade Mode.
- iv. Your PC should have found your Edge device as a connected USB device.
- v. Now all you need to do is to click the "Upgrade" button of the tool and wait for upgrading to complete.



3. Install on Ubuntu PC

Tools were only verified to function properly on Ubuntu. No guarantees were made for other Linux distributions.

a) Preparation

Install the dependencies.

```
$ sudo apt-get install libusb-dev parted
```

b) Download the Tool

```
$ wget https://dl.namtso.com/products/a10/a10-3588/tools/linux-burn-tool/linux-burn-tool.zip
$ unzip linux-burn-tool.zip
```

c) Install the Flash Tool

```
$ cd /path/to/utis
$ sudo ./INSTALL
```

Note: Root privilege is required.

d) Check the USB Driver

- i. Quickly press the Function button 3 times in a row, the device enters the Maskrom burning mode.
- ii. Check to see if Ubuntu has detected your board as an attached USB device.

```
$ lsusb | grep Rockchip
Bus 003 Device 117: ID 2207:350b Fuzhou Rockchip Electronics Company
```

Note: The message above means that your board is connected and recognized by Ubuntu.

e) Install the OS on Ubuntu

```
$ rk-burn-tool -i /path/to/image
```

Or

```
$ burn-tool -v rk -i /path/to/image
```

f) Uninstall the Flash Tool

```
$ cd /path/to/utis
$ sudo ./UNINSTALL
```