

## Tutorial of writing at the first time

### 1. Preparation

#### 1.1 Power supply cable (necessary)

Jetson Nano kit is not include power supply cable, you need to prepare a cable by yourself. (for example: USB-C 5V---3A or USB-C 5V --4A)

#### 1.2 SD card (necessary)

Jetson Nano requires a minimum of 16G SD card, but the entire system will use about 13G, we will install some machine learning framework such as TensorFlow and may also install sample data min the future, 16G card is not enough. 32G SD card is recommended.

#### 1.3 WLAN card (option)

Jeston NANO 2G need to use USB wireless network card drive-free.

### 2. Writing system image

Method of Jetson Nano writing system is different from the Jetson TX series, the image can be directly written to the SD file.

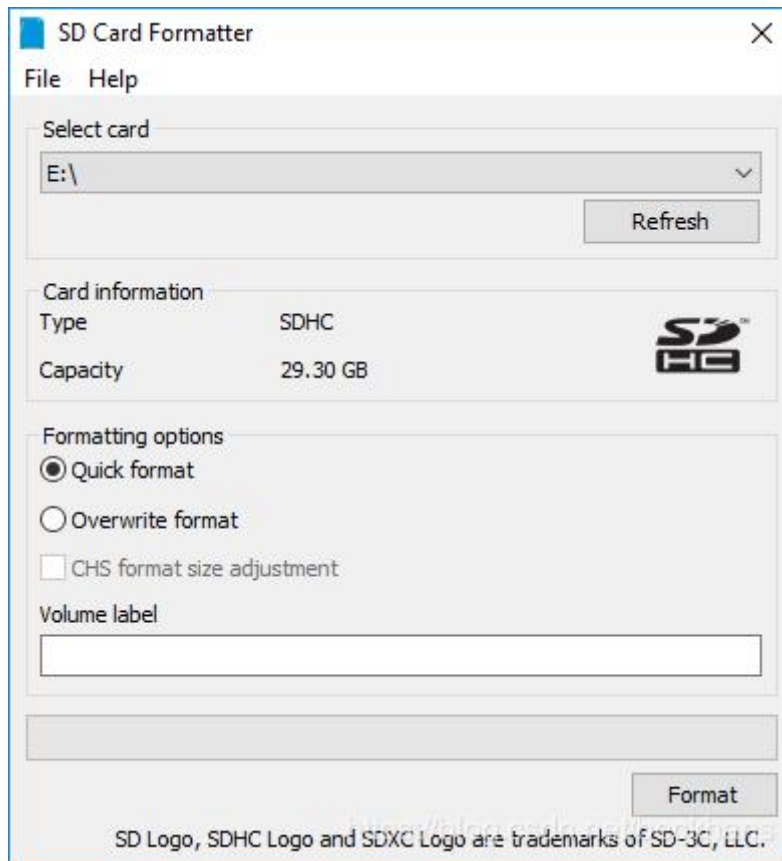
#### 2.1 Download image

NVIDIA Link:

<https://developer.nvidia.com/embedded/downloads>

#### 2.2 Format SD card

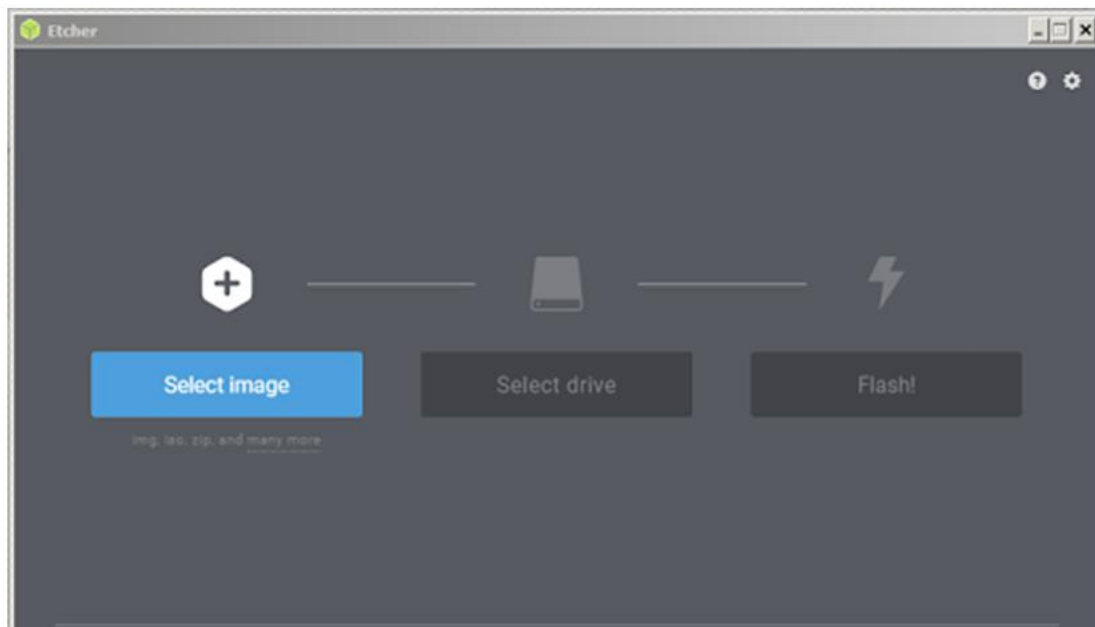
Format SD card by SD Card Formatter.exe

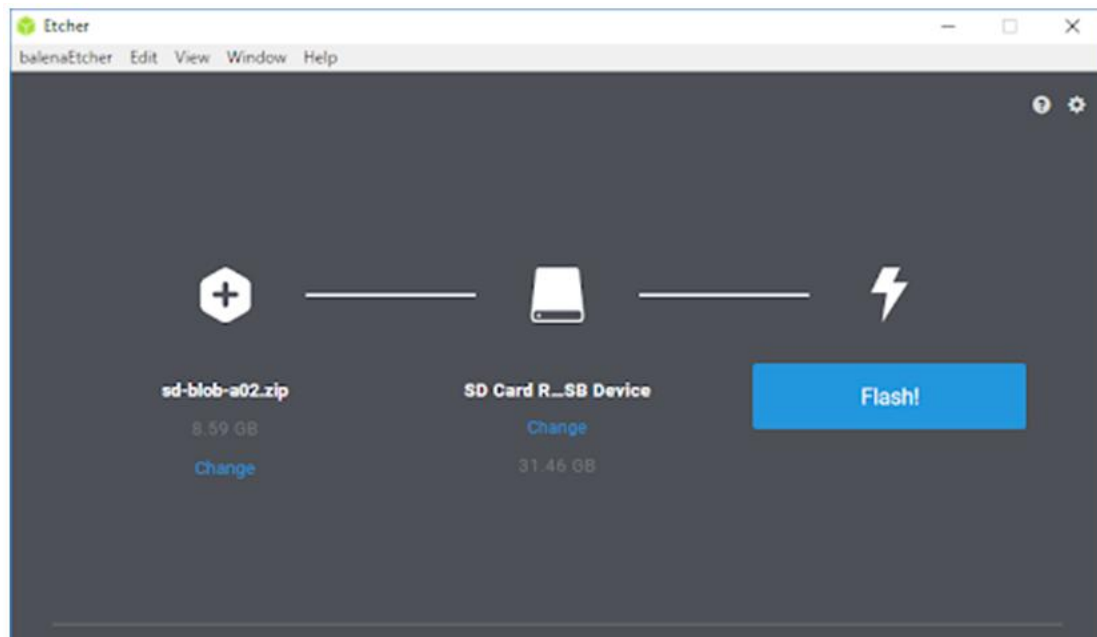


2.3 Writing image by balenaEtcher , about need 30 minute.

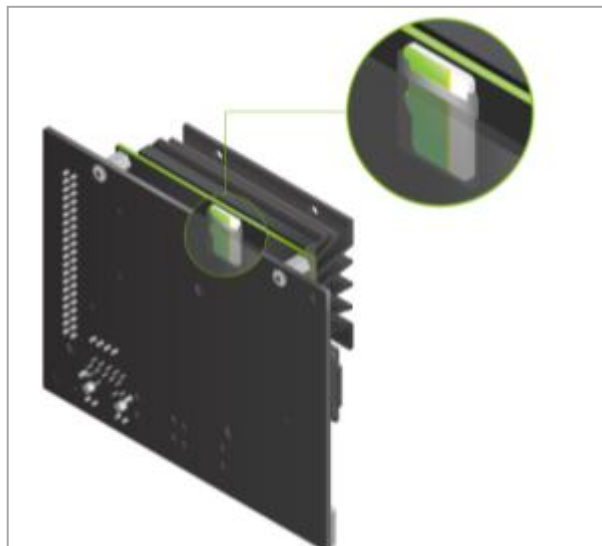
You also burning image by Win32 Diskimg

Link: <https://www.balena.io/etcher/>





2.4 After the programming is completed, insert the SD card into the Jetson Nano.



2.5 Connect display screen and power supply to Jetson NANO 2G board.



## 2.6 We can complete some setting,for example:Language, time,etc.

