Items Needed

1. Jetson Nano Developer Kit
2. Micro SD card: at least 32 GB
3. Micro SD card reader
4. Micro USB power supply: 5V = 2A
5. HDMI Cable
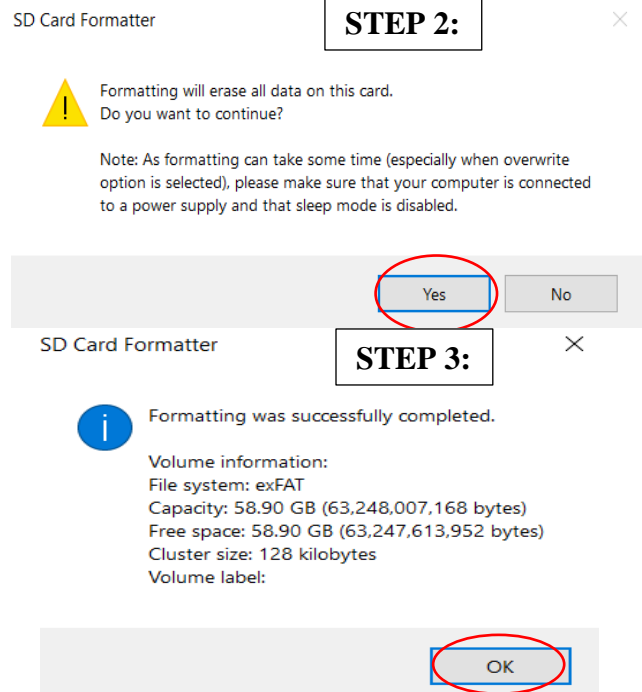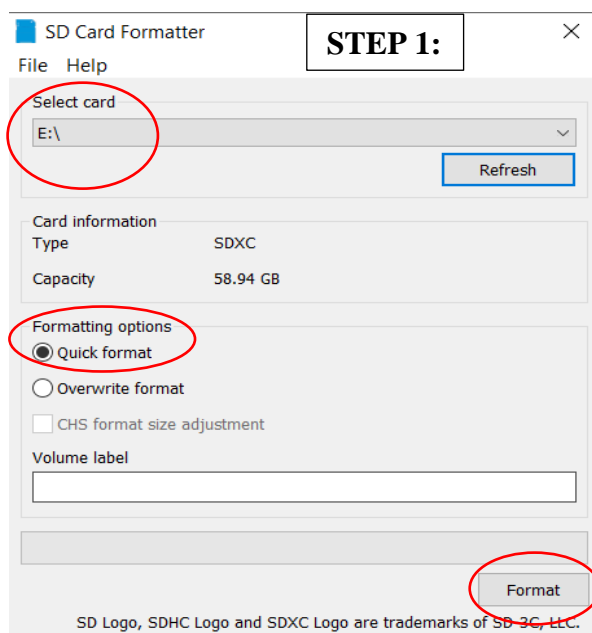6. Mouse
7. Keyboard
8. Monitor

Applications Needed:

1. Download the Jetson Nano Developer Kit SD Card Image.
   https://developer.nvidia.com/jetson-nano-sd-card-image
2. Download a memory card formatter (note this cannot be done on school computer as you need admin privileges)
   https://www.sdcard.org/downloads/formatter_4/eula_windows/
3. Download Etcher
   https://www.balena.io/etcher
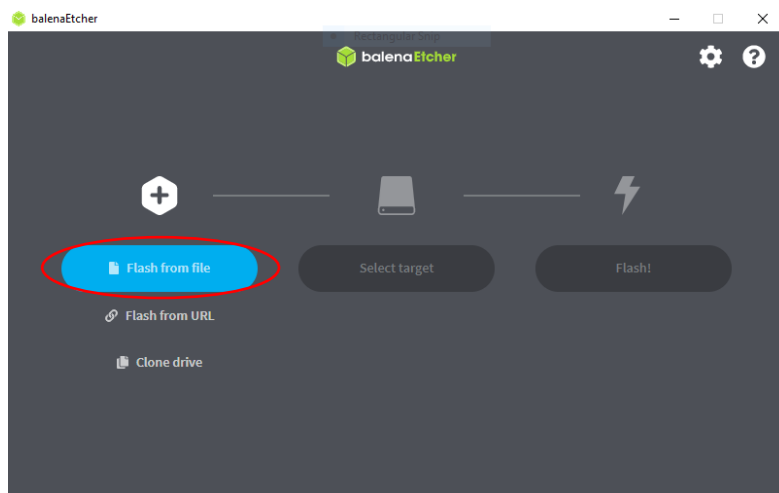
How to Set up and turn on Jetson Nano

Before being able to work with the Jetson you will need to format the SD card. This will walk you through everything you will need to do to get your Jetson Nano Developer Kit up and running.

1. Launch the memory card formatter (not on a school computer).
2. Select the card drive.
3. Select quick format.
4. Do nothing to the volume label.
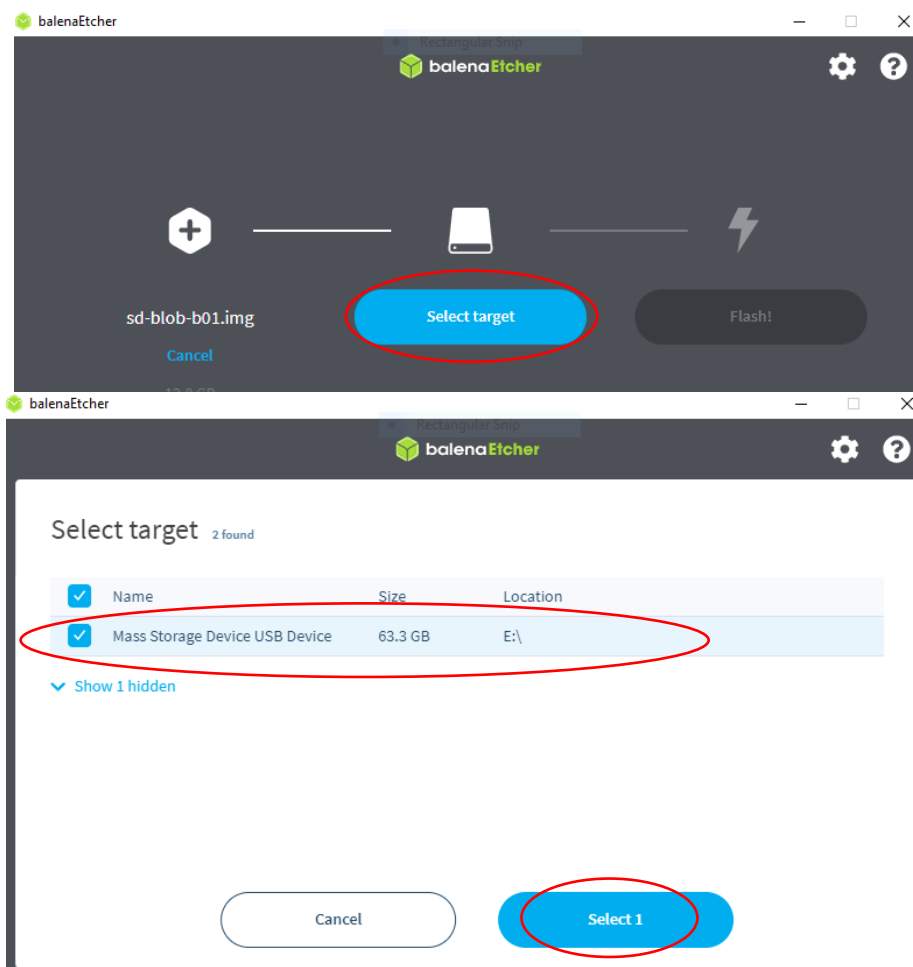5. Click format and then yes.
6. Press ok

7. Launch Etcher – Not on school computer
    a. If SD card is not plugged in where etcher is running plug in the SD card now
8. Select Flash from file.

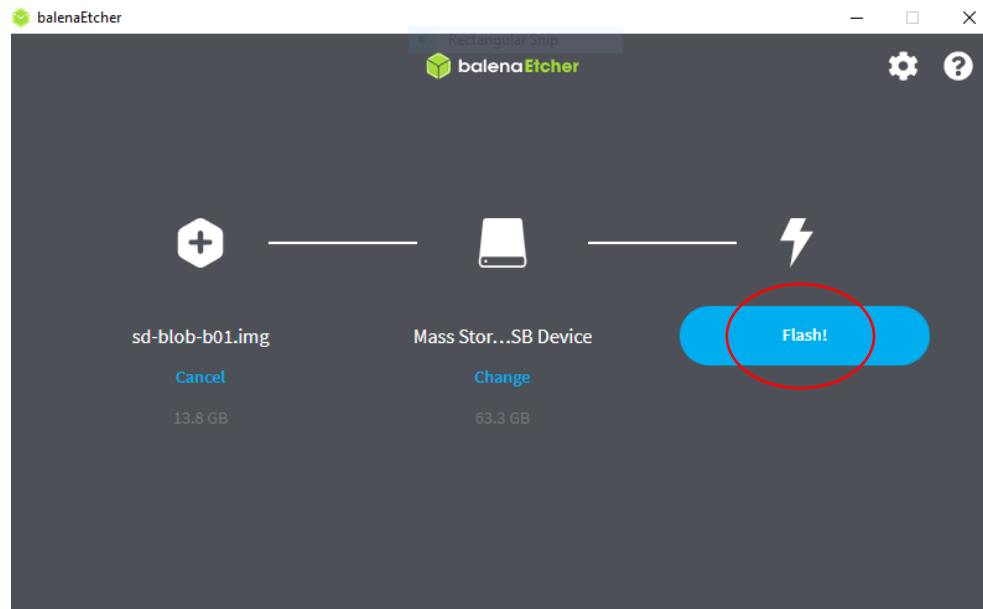9. Pick the zipped Jetson Nano Developer Kit SD Card Image File you downloaded earlier.

jetson-nano-jp461-sd-card-image

10. Click Select Target and then chose the SD card you plugged in.

11. Click Flash. It will take about 10 minutes to finish but once done remove the SD card from your machine.

You have completed formatting the SD card and uploading the image. Now it is time to walk through how to power on and work with the Jetson Nano.

12. Plug the Micro SD card into the Jetson Nano.
13. Take the micro-USB cable and plug it into the jetson nano and into the wall. The light should become green once plugged in.

14. Plug in HDMI cable to the Jetson and into the monitor
15. Plug in a keyboard and mouse as well to the Jetson.