

Cameras

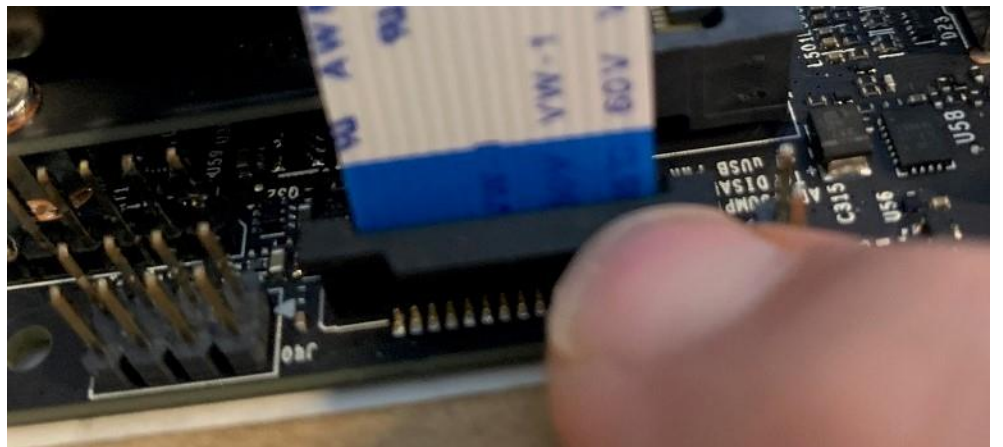
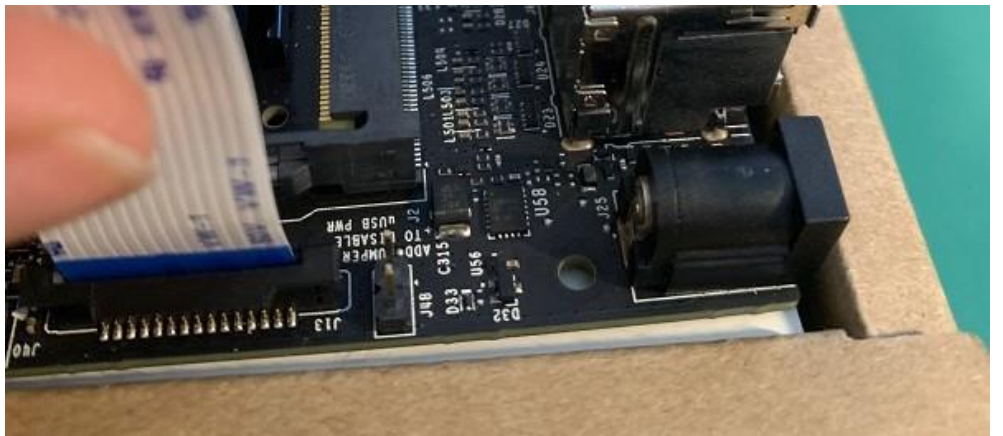
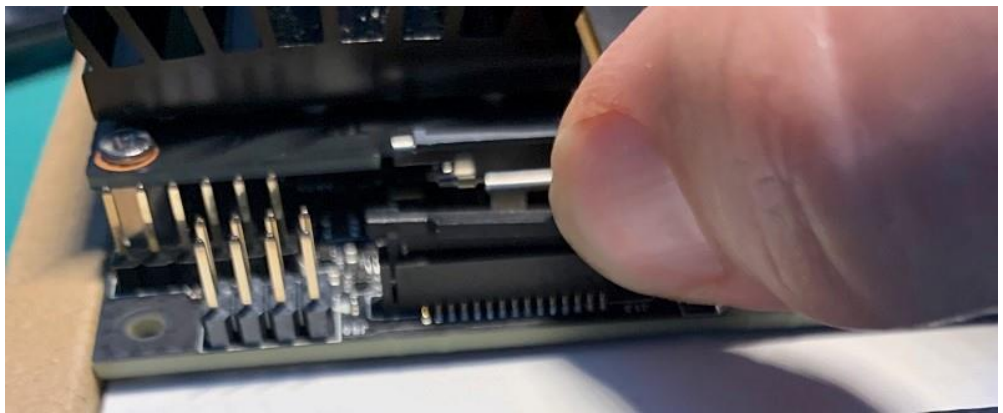
Logitech C270 USB Webcam (Recommended Configuration)

This is very straightforward. Just plug in the USB connector into any of the Jetson Nano Developer Kit USB ports.



Raspberry Pi V2 Camera (Alternate Configuration)

1. If you want to try this lab with a RasBerry Pi v2 Camera, you will need to connect to the MIPI CSI port. Begin by unlatching the MIPI CSI connector. This loosens the "grip" of the connector by just a small amount.
2. Insert the ribbon cable of the camera so that the metal side faces into the Nano board.
3. Latch the connector with a gentle push downward on the sides of the plastic. The ribbon cable should be securely held by the connector.



4. Remove the protective film from the lens of the camera.



Other Cameras

Other cameras may also work with your Jetson Nano Developer Kit. You'll need to test them to find out. If you have another camera on hand, such as a USB webcam, feel free to give it a try using the "Hello Camera" test notebooks.

Troubleshooting

- **The camera and JupyterLab appear "frozen"**
 - *If using a Raspberry Pi Camera Module v2, check to ensure it does not touch any of the metal parts (headers, pads, terminals, ports) of the Jetson Nano Developer Kit board as this may cause an electrical short.*
- **JupyterLab is working, but I cannot execute a cell to run my camera. I get an error or it "hangs"**
 - *The camera may have previously been assigned but not released.*
 1. *Shutdown the kernels for all notebooks using the pull-down menu at the top of JupyterLab.*
 2. *Restart your notebook and try again.*