



# Getting Started

## Development Kit for

### NVIDIA® Jetson Nano™

Thank you for choosing The Imaging Source's Development Kit for NVIDIA Jetson Nano. This short guide is designed to give you enough information to get started with the hardware (more detailed information can be found on-system after the initial boot).

To perform first-time system set up, please follow the steps below.

## Getting Started

1. Remove the hardware items from the packaging.
2. Make sure the cameras are connected to the Jetson Nano board:
  - a. **FPD-Link III version:** Remove the FAKRA cable(s) from packaging. Connect the camera(s) to the FPD-Link III deserializer board using the FAKRA cable (*Figure 1, below*)
  - b. **MIPI CSI-2 version:** Proceed to step 3 (camera[s] already connected with a flatband cable).
3. Set up the power supply: Select the correct adapter plug for your outlet. Then connect the power supply to the Jetson Nano's DC jack.
4. Connect the Jetson Nano to a monitor or computer:
  - a. **For headless operation:** Connect the Micro USB cable to the Jetson Nano's Micro B USB jack and then to a laptop or desktop computer. The Jetson Nano hosts a USB mass storage device (similar to a USB flash drive). Open the file "Welcome.html" and follow the instructions.
  - b. **For standalone operation:** Connect a monitor to the HDMI output port. Continue by connecting a keyboard and mouse to the Jetson Nano's USB 3.0 ports. On the desktop, open the link "Welcome.html" and follow the instructions.

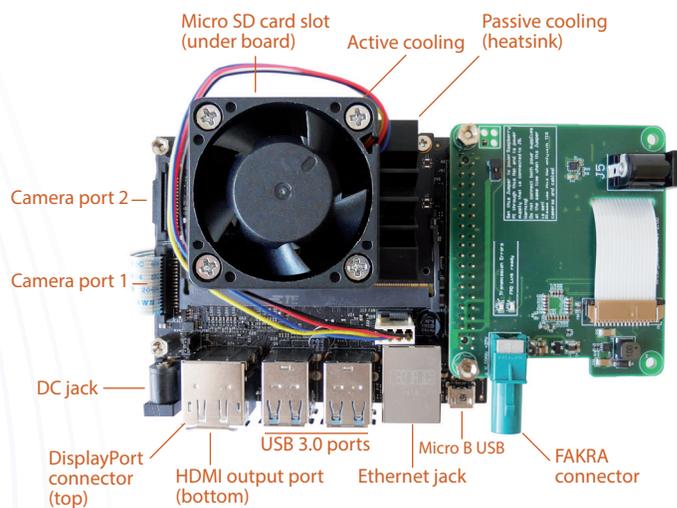


Figure 1: NVIDIA Jetson Nano platform layout and FPD-Link III camera

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All weights and dimensions are approximate. Unless otherwise specified the lenses shown in the context of cameras are not shipped with these cameras.