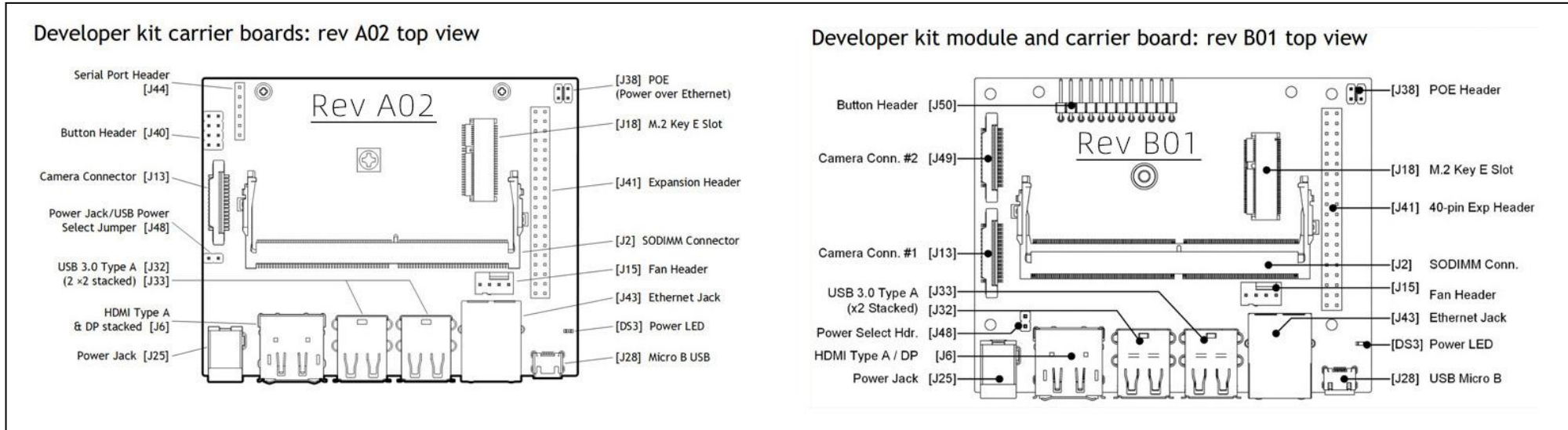# Geekworm®N100-V9 User Manual

The N100-v9 case is compatible with both Jetson Nano A02 and B01 version now.

WiKi for reference**:** raspberrypiwiki.com/index.php/N100,   Or scan the QR code

1. **Check which version of JETSON NANO you are using**

2. FAQ

Q1: Why was the MICRO SD card slot cancelled?

A: N100-V9 is compatible with both A02 and B01 versions now. We must increase the distance between the JETSON NANO motherboard and the front panel of the case to install the switch. We found that even if we kept the TF card slot, we couldn't insert the TF card by hand or plastic tweezers, so we have to cancel this card slot;
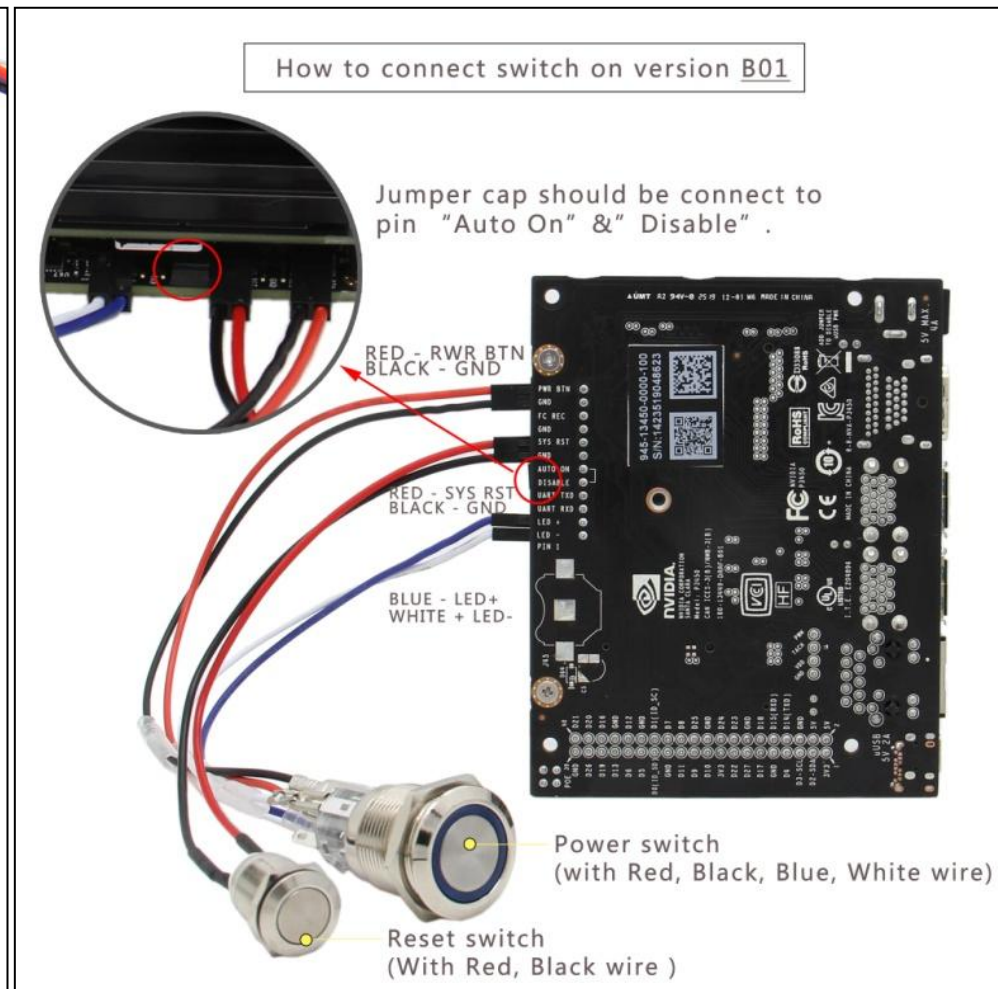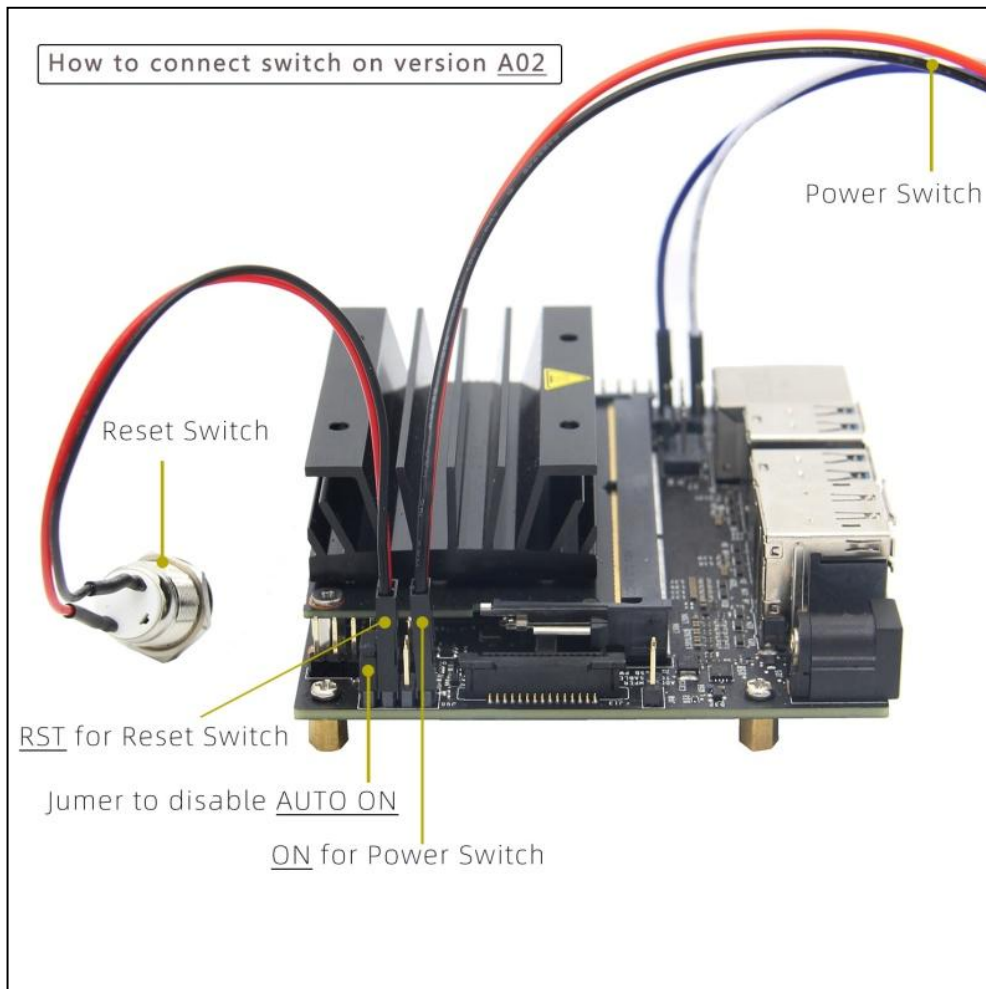
We hope that the official NVIDIA will adjust the position of J50 in subsequent versions. For more questions, please refer to the official forum link:

https://forums.developer.nvidia.com/t/stop-shipping-the-nvidia-jetson-nano-development-kit-b01-j50-is-on-the-wrong-side/112066

Q2: How to choose the right power supply?

A: JETSON NANO supports two kinds of interface power supply: Micro USB power adapter and DC Jack power adapter; You can choose different power adapter by controlling the jumper of J48; We strongly recommend that you use DC Jack PSU, because DC Jack can provides greater current input than Micro USB.

3. How to connect?

How to connect switch on version A02

Power Switch

Reset Switch

RST for Reset Switch

Jumer to disable AUTO ON

ON for Power Switch

How to connect switch on version B01

Jumper cap should be connect to pin "Auto On" &" Disable".

RED - RWR BTN
BLACK - GND

RED - SYS RST
BLACK - GND

BLUE - LED+
WHITE + LED-

Power switch
(with Red, Black, Blue, White wire)

Reset switch
(With Red, Black wire)

Supplement for Rev A02:

The blue wire =>3.3V pin at J41; White wire => GND pin at J41

4. About cooling fan

The case is reserve 22mm high fan installation height , it is recommend to use Noctua NF-A4x20 5V PWM fan, we prepare 4 pcs PM2.5*22 screws and 4 pcs M2.5 nuts and 4 pcs gaskets to install this fan. You need to use the ABS tweezers when you install this fan.

5. About camera bracket(NEW)

We provide a new camera bracket to setup the camera although you can also mount the camera on the rear panel of the case. Since we don't know the camera you are using, so this bracket hole is only compatible with the size of the Raspberry Pi official camera. You are free to choose where the camera bracket is installed.