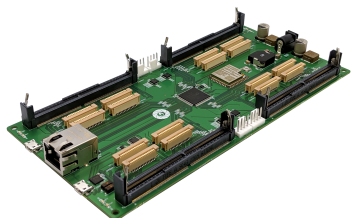




## Gumstix Jetson Nano Snapshot Board Product datasheet



### Product Features

Camera	
<b>Camera Connector</b>	Vertical cable orientation connector for Raspberry Pi Camera.
Communications	
<b>Ethernet</b>	10/100/1000 Base-T
<b>Gigabit Ethernet Switch</b>	7-Port (5xPHY + 2xRGMII)
<b>WiFi</b>	802.11 b/g/n wireless communications.
General	
<b>GPU</b>	128-core NVIDIA Maxwell™ architecture-based GPU
Processor	
<b>Processor</b>	Quad-core ARM® A57
Memory	
<b>RAM</b>	4 GB 64-bit LPDDR4
Usb	
<b>USB Device</b>	Micro B USB Plug

PKG900000001185

USD250.00

The Gumstix Jetson Nano Snapshot Board is the ultimate edge AI video capture device, powered by the NVIDIA Jetson Nano running a Quad-core ARM A57. Control up to 16 1080p 30fps video streams into a single board. Four Jetson Nano Boards are interconnected via a Gigabit switch to allow for quick and easy communication. NVIDIA Jetson Nano Boards and the switch can be remotely monitored and reset using the on-board ESP32 module. Each Jetson Nano supports up to four Raspberry Pi Camera Modules V2. This multi-camera Nano Snapshot Board is a great way to scale your video edge AI project.

- 4 x Jetson Nano Vertical Connectors
- 16 x 15-pin Vertical Camera Connectors (Compatible with Raspberry Pi Camera Module V2)
- RJ45 Jack with Gigabit Magnetics
- Micro B USB Plug for flashing and another for serial debugging
- ESP32 for Jetson Nano, power and switch management
- Redundant WiFi backup connection for Ethernet failure
- Serial debugging available via USB connector or via network management

**IMPORTANT:** The Gumstix Jetson Nano products are designed around version B01 of the NVIDIA Jetson Nano module. Many of the NVIDIA Jetson Nano modules included in the NVIDIA Jetson Nano Developer Kit are earlier versions (i.e. A02) of the module and are therefore incompatible with Gumstix products. To ensure proper functionality, PLEASE SOURCE VERSIONS B01 OR NEWER OF THE NVIDIA JETSON NANO MODULE.

### Customize Your Board

Customize the GUMSTIX JETSON NANO SNAPSHOT BOARD to your project's specific needs in Geppetto D2O. Add features or remove unused components with the ease of a drag-and-drop interface.

- Clone and customize your own Nano expansion board

- Explore and create a customized expansion board from scratch

- Learn more about Geppetto

### What's included

- 1 × Gumstix Jetson Camera Board

### Key component

- 1 × RJ45 Jack with Gigabit Magnetics
- 2 × Micro B USB Plug
- 1 × 2.0 mm 20V DC Power Jack
- 2 × FTDI FT232RQ USB UART Interface
- 1 × SMD Module, ESP32-D0WD, 32MBITS Flash, U.fl Connector

### Product links

- [Customize in Geppetto](#)
- [Technical Specifications](#)
- [Geppetto®Workspace](#)

