

# Gumstix Jetson Nano Snapshot Board

## Product datasheet

PKG900000001185

USD250.00



### 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

The Gumstix Nano Snapshot Board is the ultimate edge AI video capture device, powered by the NVIDIA Jetson Nano running a Quad-core ARM A57. Four Jetson Nano Boards are interconnected via a Gigabit switch to allow for quick and easy communication. Each Jetson Nano supports up to four Raspberry Pi Camera Modules V2. That gives up to 16 1080p 30fps video streams into a single board. This 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

#### 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](#)

