



## 999.00 EUR

incl. 19% VAT, plus shipping

- NVIDIA® Jetson Nano Support!
- Xavier NX Modul!
- 4kp60 Output!



Support: 🔼 Datasheet | 🔁 Manual





- Fully support NVIDIA® Jetson Nano™ (version B01)/Xavier NX module
- 8x 10/100 MbE with PoE
- 1x GbE, 2x USB 3.0, 1x 4Kp60 HDMI output
- 20 pins with 1x UART, 2x I2C, 5x GPIO
- 1x RS-485 (3 pins) and 1x Micro-B USB 2.0 for recovery only
- 1x mPCle (USB 2.0 for LTE module)
- Operating temperature: 0°C~70°C

AVerMedia's AVerAl EN713-AAE9-0000 carrier board of NVIDIA® Jetson Nano™ is designed as an A.I. NVR (Network Video Recorder) for intelligent surveillance system.

This product provides 8-channel PoE (PSE) ports for IP cameras, a SATA port for storage, 1x mPCIe, 2x USB 3.0, 1x microphone

## AVenMedia EN713-AAE9-0000 CarrierBoard (for NVIDIA Jetson Nano/Xavier NX)

[http://www.cartft.com/catalog/il/3072]



USB

Storage

**GPIO** Expansion

input, 1x speaker output, 1x RS-485 and 20-pin GPIO expansion header (1x UART, 1x I2C, 5x GPIO), 1x HDMI 2.0 out. Benefiting from the Jetson Nano™ and Astro SDK, it can simultaneously decode and analyze 8-channel 1080p30 IP camera video inputs.

AVerAl EN713-AAE9-0000 carrier board is designed as an application ready platform for multiple applications to improve the performance, flexibility and time to market. With EN713-AAE9-0000, software developers not only can deploy their deep learning software on this system but also can market their software on this carrier board as a complete solution. This can greatly help simplify the efforts and processes of the system integration in launching their A.I. solution into the market faster.

Carrier Board

NVIDIA® Jetson Nano™ (version B01)/Xavier NX module **NVIDIA GPU SoC Module Compatibility** 

1x GbE RJ-45

8x 10/100 MbE RJ-45 with PoE (PSE) Networking

The first two ports support 802.3 AT 30W and total power budget is

1x HDMI 2.0a/b Type-A supports maximum resolution 3840x2160 **Display Output** 

at 60Hz

Operating temperature 0°C~70°C

Storage temperature -40°C ~ 85°C Temperature

Relative humidity 40 °C @ 95%, Non-Condensing

1x USB 2.0 Micro-B for recovery only

2x USB 3.0 Type-A (USB 3.2 Gen1 x 1)

16GB e.MMC v5.1

1x 3.3V UART, 2x I2C, 5x GPIOs

(Host Interface: USB 2.0)

1x mPCle (IEEE 802.11a/b/g/n/ac dual-band 2x2 MIMO (Optional)

**User Expansion** 

RS-485 1x RS-485 Pluggable Terminal Block (3 pins)

SATA Rev. 3.1 1x SATA Rev. 3.1

Audio 1x Mic-in, 1x Speaker-out

Input Power 54V/2.78A

**Buttons** Power and Recovery (Each button has a RGB tri-color LED) **RTC Battery** 

Support RTC battery and Battery Life Monitoring by MCU

W: 170mm x L: 170mm x H: 41.0mm (6.69" x 6.69" x 1.61")

Dimension/Weight

Weight:235.8g

Certifications CE, FCC