



899.00 EUR

incl. 19% VAT, plus shipping

- **5x GPIOs !**
- **NVIDIA !**

Support:  [Datasheet](#) |  [Manual](#)

- Embedded NVIDIA® Jetson Nano™ (version B01) 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 GPIOs
- 1x RS-485 (3 pins), 1x Micro-B USB 2.0 for recovery
- 1x mPCIe (Host Interface: USB 2.0)
- Operating temperature: 0°C ~ 60°C (without HDD)
- Dimension: 190mm x 175mm x 80mm

AVerMedia's AVerAI EN713-AAE9-1PC0 Box PC 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 input, 1x speaker output, 1x RS-485 and 20-pin expansion header (I2C, SPI, UART, I2S), 1x HDMI 2.0 out. EN713-AAE9-1PC0 can operate in the temperature range from 0°C ~ 60°C (without HDD).

Benefiting from the Jetson Nano™ and DeepStream SDK, it can simultaneously decode and analyze 8-channel 1080p30 IP camera videos.

Model	EN713
Type	Box PC
NVIDIA GPU SoC Module Compatibility	NVIDIA® Jetson Nano™ (version B01) module
Networking	1x GbE RJ-45 8x 10/100 MbE RJ-45 with PoE (Max for the first 4 ports is 15.4W and total power budget is 90W)
Display Output	1x HDMI 2.0a/b Type-A supports maximum resolution 3840x2160 at 60Hz
Temperature	Operating temperature -10°C~60°C (without HDD) Storage temperature -40°C ~ 85°C Relative humidity 40 °C @ 95%, Non-Condensing
USB	1x USB 2.0 Micro-B for recovery 2x USB 3.0 Type-A (USB 3.2 Gen1 x 1)
Storage	16GB e.MMC v5.1
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
Antenna	2x SMA female connector (Optional)

Expansion Header	1x 3.3V UART, 2x I2C, 5x GPIOs
User Expansion	1x mPCIe (IEEE 802.11a/b/g/n/ac dual-band 2x2 MIMO (Optional)) (Host Interface: USB 2.0)
Input Power	54V/2.78A
Buttons	Power and Recovery Button (each with a RGB tri-color LED)
RTC Battery	Support RTC battery and Battery Life Monitoring by MCU
Chassis Dimension/ Weight	W:190mm x L:175mm x H:80mm (W:220 mm with mounting ears) Weight: 2.75 Kg
Certifications	CE, FCC, KC