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**