



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.

|                                            |                                                                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                               | <b>EN713</b>                                                                                                                        |
| <b>Type</b>                                | <b>Box PC</b>                                                                                                                       |
| <b>NVIDIA GPU SoC Module Compatibility</b> | <b>NVIDIA® Jetson Nano™ (version B01) module</b><br><b>1x GbE RJ-45</b>                                                             |
| <b>Networking</b>                          | <b>8x 10/100 MbE RJ-45 with PoE</b><br><br><b>(Max for the first 4 ports is 15.4W and total power budget is 90W)</b>                |
| <b>Display Output</b>                      | <b>1x HDMI 2.0a/b Type-A supports maximum resolution 3840x2160 at 60Hz</b><br><b>Operating temperature -10°C~60°C (without HDD)</b> |
| <b>Temperature</b>                         | <b>Storage temperature -40°C ~ 85°C</b><br><br><b>Relative humidity 40 °C @ 95%, Non-Condensing</b>                                 |
| <b>USB</b>                                 | <b>1x USB 2.0 Micro-B for recovery</b><br><br><b>2x USB 3.0 Type-A (USB 3.2 Gen1 x 1)</b>                                           |
| <b>Storage</b>                             | <b>16GB e.MMC v5.1</b>                                                                                                              |
| <b>RS-485</b>                              | <b>1x RS-485 Pluggable Terminal Block (3 pins)</b>                                                                                  |
| <b>SATA Rev. 3.1</b>                       | <b>1x SATA Rev. 3.1</b>                                                                                                             |
| <b>Audio</b>                               | <b>1x Mic-in, 1x Speaker-out</b>                                                                                                    |
| <b>Antenna</b>                             | <b>2x SMA female connector (Optional)</b>                                                                                           |
| <b>Expansion Header</b>                    | <b>1x 3.3V UART, 2x I2C, 5x GPIOs</b><br><b>1x mPCIe (IEEE 802.11a/b/g/n/ac dual-band 2x2 MIMO (Optional))</b>                      |
| <b>User Expansion</b>                      | <b>(Host Interface: USB 2.0)</b>                                                                                                    |
| <b>Input Power</b>                         | <b>54V/2.78A</b>                                                                                                                    |
| <b>Buttons</b>                             | <b>Power and Recovery Button (each with a RGB tri-color LED)</b>                                                                    |
| <b>RTC Battery</b>                         | <b>Support RTC battery and Battery Life Monitoring by MCU</b>                                                                       |
| <b>Chassis Dimension/ Weight</b>           | <b>W:190mm x L:175mm x H:80mm (W:220 mm with mounting ears)</b><br><br><b>Weight: 2.75 Kg</b>                                       |
| <b>Certifications</b>                      | <b>CE, FCC, KC</b>                                                                                                                  |