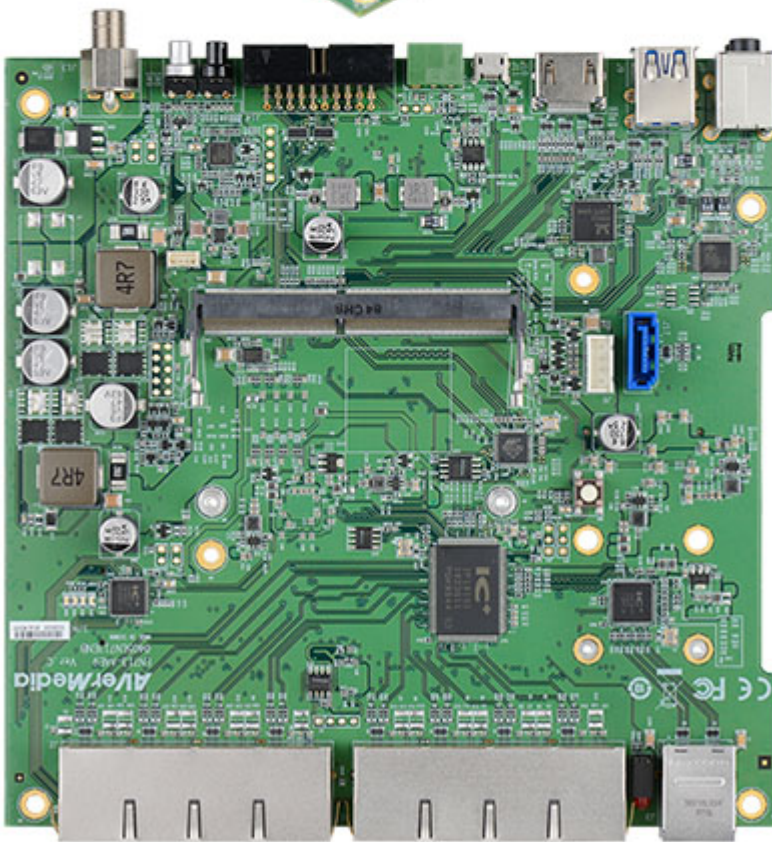




999.00 EUR

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 mPCIe (USB 2.0 for LTE module)
- Operating temperature: 0°C~70°C

AVerMedia's AVerAI 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

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.

AverAI 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.

|                                     |                                                                                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Type                                | Carrier Board                                                                                                     |
| NVIDIA GPU SoC Module Compatibility | NVIDIA® Jetson Nano™ (version B01)/Xavier NX module<br>1x GbE RJ-45                                               |
| Networking                          | 8x 10/100 MbE RJ-45 with PoE (PSE)<br><br>The first two ports support 802.3 AT 30W and total power budget is 90W  |
| Display Output                      | 1x HDMI 2.0a/b Type-A supports maximum resolution 3840x2160 at 60Hz<br>Operating temperature 0°C~70°C             |
| Temperature                         | Storage temperature -40°C ~ 85°C<br><br>Relative humidity 40 °C @ 95%, Non-Condensing                             |
| USB                                 | 1x USB 2.0 Micro-B for recovery only<br><br>2x USB 3.0 Type-A (USB 3.2 Gen1 x 1)                                  |
| Storage                             | 16GB e.MMC v5.1                                                                                                   |
| GPIO Expansion                      | 1x 3.3V UART, 2x I2C, 5x GPIOs<br>1x mPCIe (IEEE 802.11a/b/g/n/ac dual-band 2x2 MIMO (Optional)                   |
| User Expansion                      | (Host Interface: USB 2.0)                                                                                         |
| 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<br>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                                                                                                           |