



169.00 EUR

incl. 19% VAT, plus shipping

- **NVIDIA !**
- **Jetson Nano !**

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

AVerMedia AVerAI carrier board EN715 is designed for NVIDIA® Jetson Nano™ (Version B01)/Xavier™ NX module and for the industry applications in the environment with the high physical space concern and operation in the temperature range from 0°C to 70°C. It features the very compact dimensions of 70.6mm (L) x 87mm (W) x 27.3mm (H), with four Ø 3.2 mounting holes for the highly reliable field installation.

AVerAI EN715 can provide the access to a list of rich I/O functions, which includes 2x 2 Lane MIPI CSI-2, 1x 4 Lane MIPI CSI-2 MIPI Camera Input, 1x 4Kp60 HDMI output, 2x USB 3.0, 1x GbE RJ-45, 20-pins GPIO expansion, 1x Micro SD card slot, and 1x Micro-B USB 2.0 for recovery. It also comes with a single-mold PCB terminal block module for the easy power connection.

With the compact dimensions, design for reliable field installation, and the rich I/O functions, EN715 is the best cost-effective choice for AIoT edge computing in the intelligent video analytics applications of Smart Retail, Smart Camera, Smart Medical and Smart City.

- Fully support NVIDIA® Jetson Nano™ (Version B01)/Xavier™ NX module
- 1x GbE, 2x USB 3.0, 1x 4Kp60 HDMI outputs
- 2x 2 Lane MIPI CSI-2
- 1x 4 Lane MIPI CSI-2
- 20-pin Expansion header
- 1x micro-SD card slot
- Operating temperature: 0°C ~ 70°C
- Dimension: 87mm x 70.6mm x 27.3mm

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|-------------------------------------|---|
| Model | EN715 |
| Type | Carrier Board |
| NVIDIA GPU SoC Module Compatibility | NVIDIA® Jetson Nano™ (Version B01)/Xavier™ NX module |
| Networking | 1x GbE RJ-45 |
| Display Output | 3840 x 2160 at 60Hz |
| Temperature | Operating temperature 0°C~70°C Storage temperature -40°C ~ 85°C Relative humidity 40 °C @ 95%, Non-Condensing |
| MIPI Camera Inputs | <ul style="list-style-type: none"> • 2x 2 lane MIPI CSI-2, 15 pin FPC 1mm Pitch Connector (Compatible on NVIDIA® Jetson Nano™ Developer Kit) • 1x 4 lane MIPI CSI-2, 36 pin FPC 0.5mm Pitch Connector |
| USB | 1x USB 2.0 Micro-B for recovery 2x USB 3.0 Type-A |
| Storage | 1x micro-SD card slot |
| Expansion Header | 20 pins: 2x I2C, 1x UART, 9x GPIOs |
| Input Power | 3.5mm Screw Terminal; 9V~19V is recommended. |
| Buttons | Power and Recovery |
| RTC Battery | Support RTC battery and Battery Life Monitoring by MCU |

PCB/Electronics Mechanical Info

W: 87mm x L: 70.6mm x H: 27.3mm (3.43" x 2.78" x 1.07")

Weight: 70g

Certifications

CE, FCC, KC