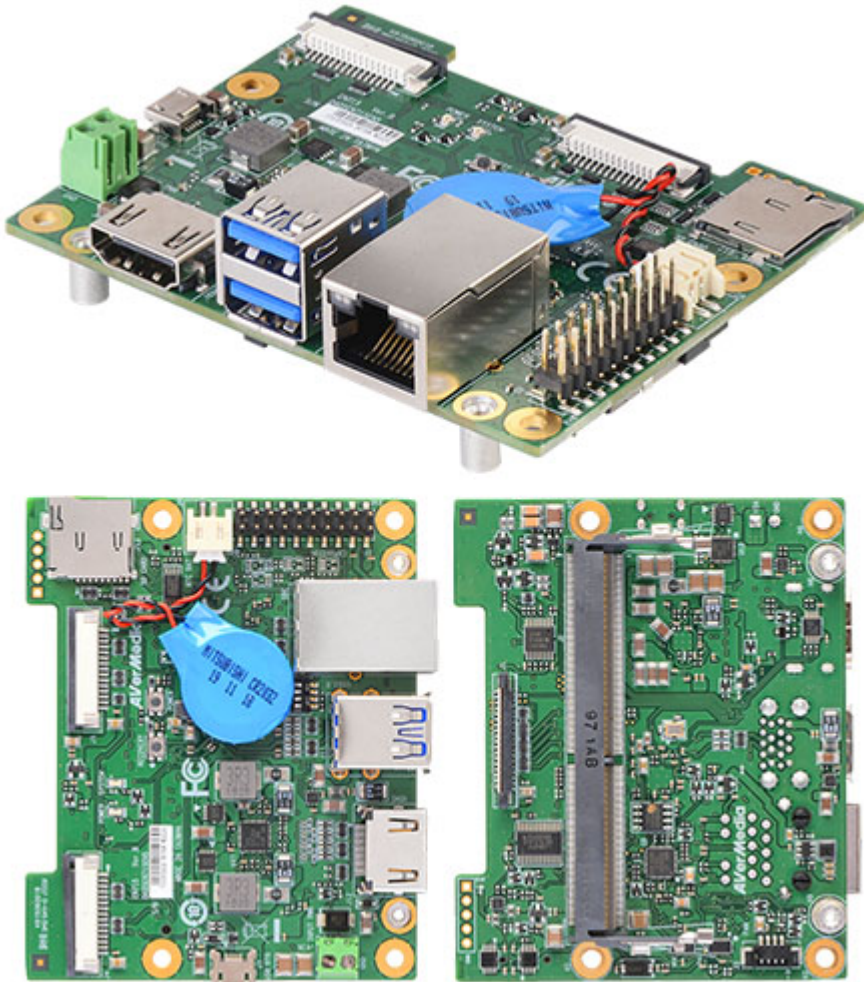


169.00 EUR

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

|                                     |                                                      |
|-------------------------------------|------------------------------------------------------|
| Model                               | EN715                                                |
| Type                                | Carrier Board                                        |
| NVIDIA GPU SoC Module Compatibility | NVIDIA® Jetson Nano™ (Version B01)/Xavier™ NX module |
| Networking                          | 1x GbE RJ-45                                         |

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|                                 |                                                                                                                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display Output                  | 3840 x 2160 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                                                                                                                                                                          |
| MIPI Camera Inputs              | <ul style="list-style-type: none"><li>• 2x 2 lane MIPI CSI-2, 15 pin FPC 1mm Pitch Connector<br/>(Compatible on NVIDIA® Jetson Nano™ Developer Kit)</li><li>• 1x 4 lane MIPI CSI-2, 36 pin FPC 0.5mm Pitch Connector</li></ul> 1x USB 2.0 Micro-B for recovery |
| USB                             | 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<br>W: 87mm x L: 70.6mm x H: 27.3mm (3.43" x 2.78" x 1.07")                                                                                                                                              |
| PCB/Electronics Mechanical Info | Weight: 70g                                                                                                                                                                                                                                                    |
| Certifications                  | CE, FCC, KC                                                                                                                                                                                                                                                    |