3129.00 EUR
incl. 19% VAT, plus shipping

- **NVidia Jetson AGX Orin !**

Support: Jetpack 6 Installation

AVerMedia AI Box PC D315AOP built with NVIDIA® Jetson AGX Orin™ module, which brings next-level AI performance and power-efficient capability for all autonomous machines. This efficient SoM makes advanced analytics possible while providing the ability to handle a host of other embedded IoT applications.

D315AOP includes a 120-pin high-speed connector for connecting MIPI SerDes cameras, which can fulfill the demand for AMRs. In addition, a sufficient Ethernet bandwidth with 10G is excellent for applying smart security, enabling dozens of IP cameras to stream simultaneously. The connector for the 10GigE Vision Camera is also great for smart inspection. Lastly, with its compact size, D315AOP furnishes a PCIe slot for multi-function expansion and excellent compatibility with Wi-Fi 6 and 5G.

- Fanless design to prevent dust accumulation
- Embedded NVIDIA® Jetson AGX Orin module
- 1x GbE & 1x 10G RJ-45
- 10GigE Vision camera connector
- 1x PCIe slot for multi-function expansion
- 1x M.2. E key for Wi-Fi 6E
- 1x M.2. M key for SSD and capture
- Operating temperature: -25°C ~50°C (TBD)
- Dimension (Fanless): 160*136.9*65mm

Model	**D315AOP-32G**
NVIDIA Jetson SoM	**NVIDIA® Jetson AGX Orin™ 32G module**

Model	**D315AOP-32G**
Networking	**1x GbE RJ-45** **1x 10G RJ-45** **1x M.2 E key (for Wi-Fi 6E)**
Display Output	**1x HDMI 2.0 (3840x2160 at 60Hz)**
Temperature	**Operating temperature: -25°C~50°C (TBD)** **Storage temperature: -40°C ~ 85°C** **Relative humidity: 40 °C @ 95%, Non-Condensing**
USB	**1x USB 2.0 Micro-B for recovery** **2x USB 2.0 Type-A** **2x USB 3.2 Type-A**
Audio	**Intel HD Audio analog connector**
Storage	**1x micro-SD card slot**
Expansion Header	**40-pin (UART, SPI, CAN, I2C, I2S, GPIOs)** **1x M.2 M key (for SSD or AVerMedia capture card:CN311-H, CN312SW, CN312MW)、1x Micro SIM socket** **1x PCIe x16 (only support x8 PCIe lanes)** **1x CAN bus with transceiver, 120-pin (for MIPI SerDes)**
Input Power	**DC in jack on board: 54V/2.78A adapter** **DC Range 12~54V (7~1.95A)** **ATX 4-pin: 12~54V (10.8~2.4A)**
Power Cord	**US/JP/EU/UK/TW/AU/CN**
Thermal Solution	**Fanless solution**

Model	**D315AOP-32G**
Buttons	**Power and Recovery**
RTC Battery	**Support RTC Battery and Battery Life Monitoring by MCU**
Dimensions	**160mm * 136.9mm * 65mm**
Certifications	**CE, FCC, VCCI, KC (TBA)**
Package	**1x D315AOP 32G** **1x Adapter 54V/2.78A and Power cord**