



2389.00 EUR incl. 19% VAT, plus shipping

• NVidia Jetson AGX Orin!

Support: <u>Support</u> 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 PCle 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
NVIDIA Jetson SoM

Networking

D315AOP-32G NVIDIA® Jetson AGX Orin™ 32G module 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)

Operating temperature: -25°C~50°C (TBD)

Storage temperature: -40°C ~ 85°C

Temperature

Relative humidity: 40 °C @ 95%, Non-Condensing 1x USB 2.0 Micro-B for recovery

2x USB 2.0 Type-A

USB

2x USB 3.2 Type-A



Audio Storage Intel HD Audio analog connector 1x micro-SD card slot 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

Expansion Header

1x PCle x16 (only support x8 PCle lanes)

1x CAN bus with transceiver, 120-pin (for MIPI SerDes)
DC in jack on board: 54V/2.78A adapter

DC Range 12~54V (7~1.95A)

Input Power

ATX 4-pin: 12~54V (10.8~2.4A)
Power Cord US/JP/EU/UK/TW/AU/CN
Thermal Solution Fanless solution
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)
1x D315AOP 32G

Package

1x Adapter 54V/2.78A and Power cord