

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
NVIDIA Jetson SoM

D315AOP-32G
NVIDIA® Jetson AGX Orin™ 32G module
1x GbE RJ-45

Networking

1x 10G RJ-45

Display Output

1x M.2 E key (for Wi-Fi 6E)
1x HDMI 2.0 (3840x2160 at 60Hz)
Operating temperature: -25°C~50°C (TBD)

Temperature

Storage temperature: -40°C ~ 85°C

USB

Relative humidity: 40 °C @ 95%, Non-Condensing
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 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 PCIe x16 (only support x8 PCIe 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