

2249.00 EUR

incl. 19% VAT, plus [shipping](#)

- NVidia Jetson AGX !
- 32 GB !



- 120-pin high speed connector for MIPI SerDes cameras, such as GMSL2/FPD-linkIII/V-by-One® HS, to deploy in AMRs application
- 1x GbE & 1x 10G RJ-45 ethernet for dozens of IPCameras streaming simultaneously in smart security application
- 10GigE Vision camera connector for smart inspection
- 1xPCIe slot for multi-function expansion.
- 1xM.2.Ekey for Wi-Fi6E, 1xMPCIe for 4G & 5G with adaptercard, and 1xM.2 Mkey for SSD and capture
- Operating temperature: -25°C ~ 70°C
- Dimension: 141.5mm(W) x 133.5mm(L) x 63mm(H)

NVIDIA Jetson SoM

NVIDIA® Jetson AGX Orin™module (32GB)

1x GbE RJ-45

Networking

1x 10G RJ-45

Display Output

1x M.2 E key (for Wi-Fi 6E)

1x HDMI 2.0 (3840x2160at 60Hz)

Operating temperature -25°C~70°C

Temperature

Storage temperature -40°C ~ 85°C

Relative humidity 40 °C @ 95%, Non-Condensing

MIPI & SerDes Camera (120-pin)

GMSL2/FPD-link III/V-by-One® HS(optional)

1x USB 2.0 Micro-B for recovery

USB

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 E key (for Wi-Fi 6E)
- 1x M.2M key (for SSD or AVerMedia capture card: CL312H1, CN311-H, CN312SW, CN312MW)
- 1x Micro SIM socket
- 1x mPCIe (for 4G LTE module or 5G module via adapter card)
- 1x PCIe x16
- 1x CAN bus with transceiver
- 120-pin (for MIPI SerDes)

## Input Power

DC in jack on board & ATX 4-pin (5V/2.78A, 9V~54V is recommended)

## Power Cord

US/JP/EU/UK/TW/AU/CN

## Thermal Solution

Fan (optional)

## Buttons

Power and Recovery

## RTC Battery

Support RTC Battery and Battery Life Monitoring by MCU

## Dimensions

141.5mm (W) x 133.5mm (L) x 63mm (H)

## Certifications

CE, FCC, KC