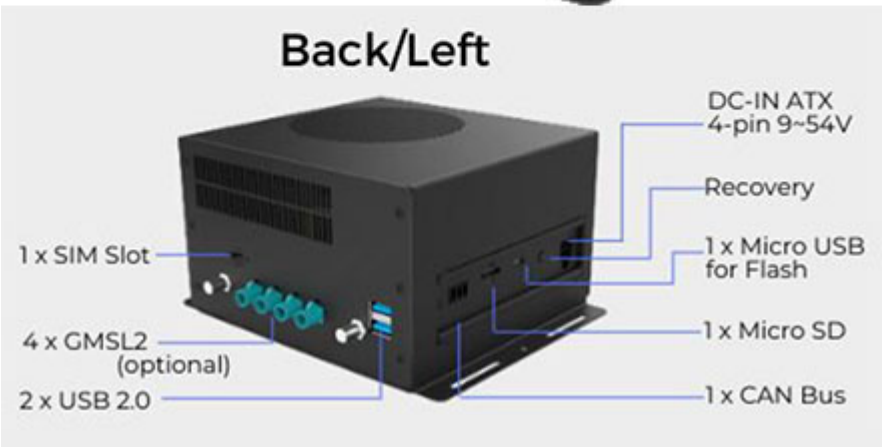
3498.00 EUR
incl. 19% VAT, plus shipping



Support: Jetpack 6 Installation

- 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 and 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 (fan)/ -25°C~60°C (Fanless)
- Dimension: 181.5mm(W) x 137mm(L) x 88mm(H)

MIPI Camera	
Raspberry Pi (2Lane/15-pin)	Raspberry Pi camera v2
APPRO (2Lane/15-pin)	1. B-04: IMX179 (8M) MIPI, 1080P (30fps) 2. C-04: IMX290 (2M) MIPI, 1080P (30fps) 3. C-05: IMX290 (2M) +ISP(YUV), 1080P (30fps)
e-con (2 Lane/1-pin)	1.e-CAM131_CUNX -4K Camera 2. e-CAM50_CUNX -5.0 MP 3. e-CAM24_CUNX -Color Global shutter Camera
APPRO (4 Lane/36-pin)	B-03: IMX334 (4K) MIPI, 4K (30fps)
SerDes Camera	
e-con(GMSL2)	STURDeCAM20 2. STURDeCAM25 3.NileCAM21
oToBrite(FPD-link III)	oToCAM250/ oToCAM206
APPRO (V-by-One® HS)	A-06: IMX334 (4K) V-by-One®HS x1, 4K (30fps)
Specifications	
NVIDIA Jetson SoM	NVIDIA® Jetson AGX Orin™module (32GB or 64GB)

Networking	1x GbE RJ-45 1x 10G RJ-45
Display Output	1x HDMI 2.0 (3840x2160at 60Hz)
Temperature	Operating temperature -25°C~70°C 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)
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 E key (for Wi-Fi 6E) • 1x M.2M key (for SSD or AVerMediacapture card: CL312H1, CN311-H, CN312SW, CN312MW) • 1x Micro SIM socket • 1xmPCIe(for 4GLTE moduleor5G module via adapter card) • 1x PCIe x16 • 1xCANbuswithtransceiver • 120-pin (for MIPI SerDes)
Input Power	DC in jack on board & ATX 4-pin (54V/2.78A, 9V~54V is recommended)
Power Cord	US/JP/EU/UK/TW/AU/CN
Thermal Solution	Fan / Fanless
Buttons	Power and Recovery
RTC Battery	Support RTC Battery and Battery Life Monitoring by MCU
Dimensions	141.5mm (W) x 133.5mm (L) x 29mm (H)
Certifications	CE, FCC, KC