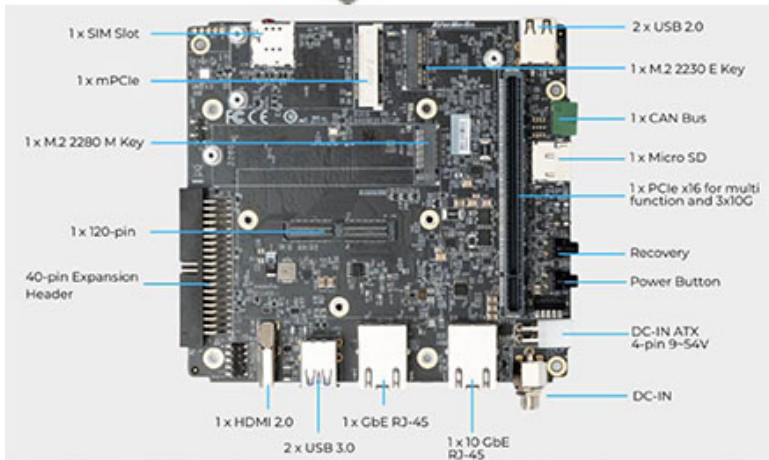




829.00 EUR

incl. 19% VAT, plus shipping

- **NVidia Jetson AGX !**
- **PCB Ver.C**



Support: [Specifications](#)

- 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, 1x M.2 B key 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 29mm(H)

MIPI Camera

Raspberry Pi (2Lane/15-pin)

Raspberry Pi camera v2

| | |
|--------------------------------|---|
| APPRO (2Lane/15-pin) | <ol style="list-style-type: none"> 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) | <ol style="list-style-type: none"> 1.e-CAM131_CUNX -4K Camera 2. e-CAM50_CUNX -5.0 MP 3. e-CAM24_CUNX -Color Global shutter Camera |
| SerDes Camera | |
| e-con(GMSL2) | <ol style="list-style-type: none"> 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 | <p>1x GbE RJ-45</p> <p>1x 10G RJ-45</p> |
| Display Output | 1x HDMI 2.0 (3840x2160at 60Hz) |
| Temperature | <p>Operating temperature -25°C~70°C</p> <p>Storage temperature -40°C ~ 85°C</p> <p>Relative humidity 40 °C @ 95%, Non-Condensing</p> |
| MIPI & SerDes Camera (120-pin) | GMSL2/FPD-link III/V-by-One® HS(optional) |
| USB | <p>1x USB 2.0 Micro-B for recovery</p> <p>2x USB 2.0 Type-A</p> <p>2x USB 3.2 Type-A</p> |

| | |
|------------------|---|
| Audio | Intel HD Audio analog connector |
| Storage | 1x micro-SD card slot |
| Expansion Header | <ul style="list-style-type: none"> • 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 M.2 B key (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 (54V/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 29mm (H) |
| Certifications | CE, FCC, KC |