

5849.00 EUR
incl. 19% VAT, plus [shipping](#)

- NVidia Orin Nano !
- 64GB RAM !
- IP66 !



- NVIDIA® Jetson AGX Orin™ SoM with 2048 CUDA Cores
- IP66 Design (Waterproof and Dustproof) for Harsh Environment
- 1 x 10 GbE, 2 GbE with PoE via Phoenix Contact® M12 IP67 Connectors
- 2 x CAN FD
- 2 x RS-232/422/485*, 4 x DI/4 x DO*
- Supporting 4 x GMSL-2 Cameras (via FAKRA Connectors)
- 9 ~ 60VDC Input with Built-in Smart Ignition Power Management
- -25 ~ 70°C Operating with Fanless Design
- Patented Design of Emergency Backup Battery (**Optional!**)
- **The “-LE” Model does not support GMSL-2 camera**

System

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NVIDIA® Jetson AGX Orin™ 64GB – 275 TOPS

Module

(2048 CUDA® cores GPU + 12-core Arm Cortex-A78AE CPU + 64 GB LPDDR5)

Security

Security Boot, Arm TrustZone

| | | |
|---------------------------------|--|--|
| | | - 1 x 10GbE, 2 x 2.5GbE w/ 2 x IEEE 802.3at PoE PSE Class 4 (PoE+ 30 watts) (3 x Phoenix Contact® M12 X-coded connectors) |
| | | - 2 x USB Type-A/IP67 connector for USB 3.2 * One port share 10Gbps bandwidth |
| | | - 1 x HDMI Type-A/IP67 connector for HDMI 2.1 output |
| Interface | | - 1 x HD Audio from the HDMI |
| | | - 1 x M12 A-coded connector for RS-232/422/485 |
| | | - 2 x M8 A-coded connectors for CAN FD |
| | | - 1 x USB Type-C for System Recovery (Device only) |
| | | - 4 x FAKRA-Z connectors for GMSL-2 cameras |
| | | - 1 x Nano SIM card slot |
| | | • 1 x M.2 3042/52 Key B slot (USB3.0) with a Nano SIM Card Slot |
| | | • 1 x M.2 2230 Key E slot |
| INTERNAL EXPANSION | | * Thermal solution is required for M.2 5G Module |
| | | • 1 x mPCIc Full size slot (USB.2.0 supported) |
| | | • 1 x 64GB eMMC (Built-in within SoM) |
| STORAGE (Internal) | | • 1 x M.2 2280 Key M slot supports NVMe SSD (Pre-installed) |
| Operating System / SDK | | NVIDIA® JetPack including Jetson Linux, NVIDIA® development tools |
| | | 25°C ~ 70°C w/0.6 m/s airflow (for barebone system) |
| Operating Temp. | | *Operating Temperature Varies by Accessories Installed. |
| | | -40 ~ 85°C |
| Storage Temp. | | |
| Relative Humidity | | 10% RH – 90% RH (non-condensing) |
| Certification / Standard | | CE, FCC Class A, E-Mark, ECE R118, EN50155*, EN45545-2 (R25) *On going |
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| Vibration | | • MIL-STD-810H, Method 514.6, Procedure I, Cat.4 (Operating) |
| | | • IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis |
| Shock | | MIL-STD-810H, Method 516.6, Procedure I, |
| | | Trucks and semi-trailers=15G (11ms) with SSD (Operating) |
| Ingress Protection | | IP66 |
| Power Input | | • 1 x Phoenix Contact® M12 K-coded connector for DC-IN 9~60V Aluminum Alloy |
| | | Fanless Passive Cooling Design |
| Mechanical | | Wall Mount |
| | | 5100 g |
| | | 300 mm (L) x 190 mm (W) x 77,5 mm (H) |