

4869.00 EUR

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

- NVidia Orin Nano !
- 32GB RAM !
- IP66 !



- NVIDIA® Jetson AGX Orin™ SoM with 1792 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!**)

System

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NVIDIA® Jetson AGX Orin™ 32GB – 200 TOPS

Module

(1792 CUDA® cores GPU + 8-core Arm Cortex-A78AE CPU + 32 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
		- 1 x HD Audio from the HDMI
Interface		- 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 • * Thermal solution is required for M.2 5G Module • 1 x mPCIc Full size slot (USB.2.0 supported)
INTERNAL EXPANSION		
		• 1 x 64GB eMMC (Built-in within SoM) • 1 x M.2 2280 Key M slot supports NVMe SSD (Pre-installed)
STORAGE (Internal)		
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)