

0.00 EUR

incl. 19% VAT, plus shipping



- **T1 Automotive Ethernet !**
- **32GB RAM !**



NVIDIA® Jetson AGX Orin Edge AI Embedded Computer with T1 Automotive Ethernet

- NVIDIA® Jetson AGX Orin™ 32GB SoM with 1792 CUDA Cores
- 100/1000BASE-T1 Automotive Ethernet Support
- 4 x GMSL-2 Cameras Support
- 1 x 10GbE for High-Speed Data Transmission
- 2 x Ethernet with PoE Support
- Optional Backup Battery for Emergency

Module	NVIDIA® Jetson AGX Orin™ 32GB (1792 CUDA cores + 8-core ARM Cortex-A78AE CPU + 32 GB LPDDR5)
Network	1 x Marvell® T1, 1 x Marvell® Industrial 10GbE, 2 x Intel® 2.5GbE
Security / Watchdog	Platform Security Controller (PSC), Security Engine (SE) / The self-reset mechanism for unresponsive system

Module	NVIDIA® Jetson AGX Orin™ 32GB (1792 CUDA cores + 8-core ARM Cortex-A78AE CPU + 32 GB LPDDR5)
Interface	1 x H-CMTD T1 connector, 3 x M12 X-coded connectors (Phoenix Contact) 2 x USB Type-A connector for USB 3.2 1 x HDMI 1 x HD Audio from the HDMI 1 x RS-232/422/485 via M12 connector 2 x USB Type-A connector for USB 3.2 1 x USB Type-C for System Recovery (Device only) 7 x Antenna holes
INTERNAL EXPANSION	• 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)
STORAGE (Internal)	1 x Internal 64GB eMMC (Pre-installed system BSP) 1 x M.2 2280 Key M supports NVMe SSD
Operating System / SDK	NVIDIA® JetPack 5.1.3 above, including Jetson Linux, and NVIDIA® development tools
Operating Temp.	-25°C ~ 70°C (-13°F ~ 158°F), with SSD, ambient w/ air flow 0.6m/s (ONX model)
Storage Temp.	-40 ~ 80°C
Relative Humidity	10% RH – 90% RH (non-condensing)
Certification / Standard	CE, FCC Class A, E-Mark, ECE R118, EN50155*, EN45545-2 (R25)
Vibration	Random – IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis • MIL-STD-Method 514.6, Procedure I, Category 4
Shock	MIL-STD-810H – Method 516.6, Procedure I, trucks and semi-trailers=15 (11ms) with SSD
Power Input	DC 9V-60V for 12/24/48V via M12 K-coded connector (Phoenix Contact®)

Module	NVIDIA® Jetson AGX Orin™ 32GB (1792 CUDA cores + 8-core ARM Cortex-A78AE CPU + 32 GB LPDDR5)
Mechanical	Aluminum Alloy Wall Mount 5000 g 300 mm (L) x 190 mm (W) x 77,5 mm (H) IP40
Model	IBOX-650P-T1-01-JAO32 NVIDIA® Jetson AGX Orin™ 32GB / 1 x T1 / 1 10GbE / 2 x PoE / 4 x GMSL-2