

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 Platform Security Controller (PSC), Security Engine (SE) / The self-reset mechanism for unresponsive system
Security / Watchdog	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
Interface	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)
Operating System / SDK		1 x M.2 2280 Key M supports NVMe SSD
Operating Temp.		NVIDIA® JetPack 5.1.3 above, including Jetson Linux, and NVIDIA® development tools
		-25°C ~ 70°C (-13°F ~ 158°F), with SSD, ambient w/ air flow 0.6m/s (ONX8 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-810H – Method 514.6, Procedure I, Category 4
Shock		MIL-STD-810H – Method 516.6, Procedure I, trucks and semi-trailers=15G (11ms) with SSD
Power Input		DC 9V-60V for 12/24/48V via M12 K-coded connector (Phoenix Contact®)
Mechanical		Aluminum Alloy
		Wall Mount
		5000 g
		300 mm (L) x 190 mm (W) x 77,5 mm (H)
		IP40
Model		IBOX-650P-T1-JAO32-LE ■ NVIDIA® Jetson AGX Orin™ 32GB / 1 x T1 / 1 x 10GbE / 2 x PoE