

TRUSTED TECHNOLOGY SYSTEMS - TBOX AI400

Fanless Edge AI System with NVIDIA® Jetson Orin™ NX, 1 HDMI, 1 GbE WAN, 1 WAN Port SFP+, 4 Port GbE PoE, 2 Comm Terminal Ports, USB, 2 SSD (RAID)



Features

- NVIDIA® Jetson Orin™ NX, up to 100 TOPS
- High AI computing performance for GPU-accelerated processing
- Ideal for edge AI public safety and video solutions
- Supports four 15W GbE PoEs for cameras
- Wide operating temperature from -25°C to +50°C
- Built in Super Cap for power back-up



NVIDIA® Jetson Orin™ NX available through to 2030

HW Specifications

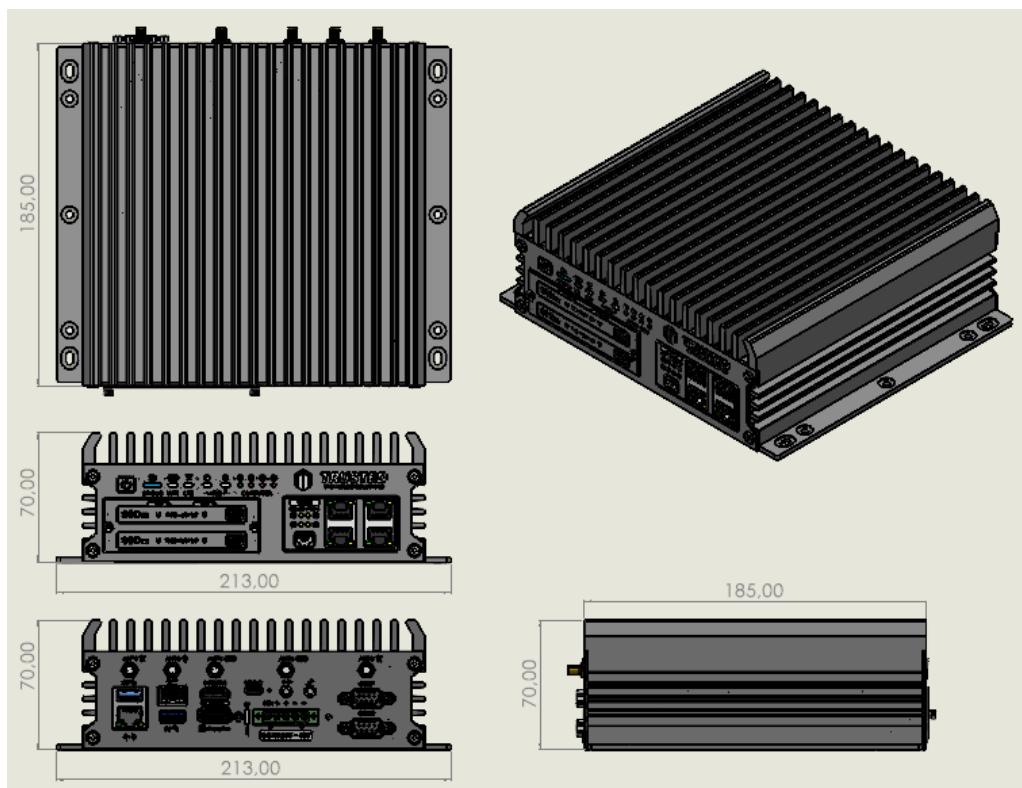
Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel
AI Accelerator	NVIDIA Jetson Orin NX (up to 100 TOPS) 2x NVDLA V2 Deep Learning Accelerator
CPU	16GB: 8-core NVIDIA Arm Cortex A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3
GPU	1024-core NVIDIA Ampere GPU with 32 Tensor Cores, Max Frequency 900MHz
System Memory	16GB: 16GB 128-bit LPDDRS onboard
Carrier Board	SBC87903
System I/O Outlet *	1 x HDMI 2.1 with 4K2K support 1 x 10/100/1000 Mbps Ethernet 1 x WAN SFP + - Socket 4 x 10/100/1000 Mbps PoE (25-50W) 2 x USB 3.0 1 USB-C to connect to Orin for FW update and debug 2 RS232 Com Terminal
Watchdog Timer	Built-in Orin NX RTC
Storage	2 x SSD 2.5" Drives, RAID Configurable HDD >=500GB, Support External NVMe

* The TBOX AI400 does not include LTE, 5G, or WiFi and does not transmit signals. The TBOX AI400 does not contain civilian encryption.

Specifications

Operating Temperature	-20oC to +60oC
Humidity	10%-95%, non-condensing
Vibration Endurance	2.5G (10 to 1000Hz, X, Y, Z direction) – IEC 60068-2-64:2008
Dimensions	198mm x 185mm x 65mm
Weight (net/gross)	1 kg (2.20lb)/1.6 kg (3.52 lb)
Certifications	FCC
OS Support	Linux Ubuntu 20.04 or later

Dimensions



Ordering Information

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