



EdgeComp AI-NONXS

Fanless Edge AI Application System

Key features

- Compact fanless design.
- Support NVIDIA Jetson Orin NX and Orin Nano (Super Mode) module.
- 1 x M.2 Key-M 2242/2260/2280 NVMe SSD.
- 1 x M.2 Key-B for 4G/5G module, 1 x M.2 key-E for WiFi & BT.
- 1 x GbE LAN, 1 x 2.5 GbE LAN. (PoE opt.)
- 1 x RS232/CAN, 1 x RS232/422/485
- 12 to 20V DC input.

Specifications

Model Name	EdgeComp AI-NONXS			
NVIDIA Module	Jetson Orin NX 16GB	Jetson Orin NX 8GB	Jetson Orin Nano 8GB	Jetson Orin Nano 4GB
AI Performance	100 TOPS	70 TOPS	40 TOPS	20 TOPS
GPU	1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores		1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores	512-core NVIDIA Ampere architecture GPU with 16 Tensor Cores
CPU	8-core Arm® Cortex®-A78AE v8.2 64-bit CPU	6-core Arm® Cortex®-A78AE v8.2 64-bit CPU	6-core Arm® Cortex®-A78AE v8.2 64-bit CPU	
Memory	16GB 128-bit LPDDR5 102.4GB/s	8GB 128-bit LPDDR5 102.4GB/s	8GB 128-bit LPDDR5 68GB/s	4GB 64-bit LPDDR5 34GB/s
HDMI	2.1		1.4	
Audio	1 x 3.5mm Headset jack with Line-out/MIC-In			
Ethernet	1 x GbE (POE opt.), 1 x 2.5GbE (POE opt.)			
USB	4 x USB 3.2 type A & 1 x Micro USB (for OS flash)			
Storage	1 x M.2 Key-M 2242/2260/2280 NVMe SSD			
Expansion	1 x M.2 Key-E for 2230 Wi-Fi & BT module 1 x M.2 Key-B for 3042/3052 4G LTE/5G module 1 x Nano SIM slot			
Serial Port	1 x RS232/CAN, 1 x RS232/422/485			
Button	1 x Power On button , 1 x Recovery button, 1 x Reset button			
Power Input	DC-IN 12V~20V / 2-Pin Terminal Black			
Dimension	160 x 102 x 80 mm (W x D x H)			
Operation Temp.	-20~50 °C			
OS	Linux, Jetpack 6.2 Support Jetson Orin NX/Nano modules (Super Mode-enabled)			

Dimensions & I/O :

