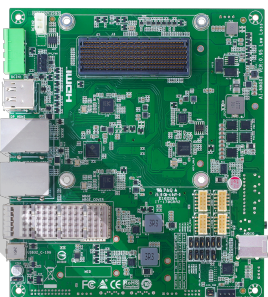


AI-NAGXT T5000 Industrial PC



- Equipped with NVIDIA® Jetson T5000™ up to 2070 TFLOPS (FP4)
- Supports 1 x QSFP28 (T5000: 4 x 25GbE)
- Supports 2 x RJ45 5GbE
- 120-pin MIPI CSI-2 16-lane for CSI/GMSL camera
- 1 x HDMI® & 1 x Display Port
- Audio Line-In/Out, DMIC, Speaker Out
- 4 x USB3.2 Type-A & 1 x USB3.2 Type-C (for OS flash)
- 1 x M.2 Key E for WIFI_BT & 1 x M.2 Key B for 5G/4G
- 1 x M.2 Key M for NVMe SSD & 2 x SATA (Option)
- 2 x RS232 /422/485 & 4 x CAN FD
- Support LLMs, VLMs, VLA AI models

Specifcation

nVidia Module	T5000
AI Performance	2070 FP4 TFLOPs/1035 FP8 TFLOPs
GPU	2560-core NVIDIA Blackwell architecture GPU with fifth-gen Tensor Cores Multi-Instance GPU (MIG) with 10 TPCs
CPU SUPPORT	14-core Arm® Neoverse®-V3AE 64-bit CPU 1 MB L2 cache per core 16 MB shared system L3 cache
Storage	1 x M.2 Key M for 2242/2260/2280 NVMe SSD 2 x SATA
MEMORY	128 GB 256-bit LPDDR5X 273 GB/s
EXPANSION SLOT	1 x M.2 Key-E for 2230 Wi-Fi & BT module
AUDIO	1 x Line In/Out 1 x DMIC 1 x Speaker out
LAN	2 x 5GbE RJ45 & 1 x QSFP28 4x25GbE
DIMENSION	170mm x 150mm (W x L)
OS SUPPORT	Support Linux Jetpack 7.1, Kernel 6.8, Ubuntu 24.04
MIPI Camera	1 x 120-pin connector supports CSI/GMSL camera
External I/O	1 x HDMI 3840x2160 @60Hz 1 x Display Port 4 x USB 3.2 Gen2 Type-A 1 x USB 3.2 Type-C (For OS flash) 4 x GPI Inputs & 4 x GPO Outputs 1 x Expansion I/O (1 x I2C, 1 x SPI, 1 x I2S, 2 x PWM) 1 x Automation (LED, UART, LATCH (AT/ATX mode switch), RCV, RST, PWR)
Fan	2 x 4-pin header
RTC	1 x 2-pin header

Security (Opt.)	1 x TPM 2.0
Button	1 x Power On, 1 x Recovery, 1 x Reset
Power Input Connector	1 x DC Power Jack for 12V-36V

*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!

