

Jetson Thor T5000 or T4000

NVIDIA Jetson Thor T5000/T4000 for humanoid robots and low-latency embodied intelligent systems.



Features

- AI GPU Computing
- Nvidia Jetson Thor T5000 / Thor T4000
- 1536-core (T4000) / 2560-core (T5000) NVIDIA Blackwell architecture GPU
- 64GB (T4000) / 128 GB (T5000) 256 bit LPDDR5X 273 GB/s
- 2070 TFLOPS (T5000) / 1200 TFLOPS (T4000)
- 12xGMSL (Camera Interface)

Specification

Standard Color	White
Construction	SECC Metal + Aluminum alloy with Fan Solution
CPU	12-core (T4000) / 14-core (T5000) Arm® Neoverse®-V3AE 64-bit CPU 1 MB L2 cache per core, 16 MB shared system L3 cache
System Memory	64GB (T4000) / 128 GB (T5000) 256 bit LPDDR5X 273 GB/s
Chipset	Jetson Thor T5000 / Jetson Thor T4000
OS Support	Ubuntu 24.04
System I/O Outlet	1xMicro HDMI 2.1,1xMini DP port, 4xType-C USB3.2, 2xType-C USB2.0 1x25GbE SFP28, 1x10GbE RJ45, 1x1GbE RJ45 12xGMSL (Camera Interface)
Storage	1xM.2 Key M SSD
Watchdog Timer	N/A
Expansion Interface	1xM.2 Key B(supporting 4G/5G module) 1xM.2 Key E (supporting WiFi/Bluetooth module)
Communication (Option)	1xSPI,3xGPI,3xGPO(Two of the GPOs support PWM functionality), 4xCAN/CAN FD (T5000 Only)
Power	
Operating Temperature	-40~+60°C
Storage Temperature	-40~+80°C
Humidity	90%
Dimensions	Please refer to Drawing
Weight	TBD

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