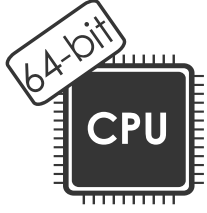




T4000 / T5000 Generative AI Mini Workstation

- **NVIDIA® Jetson AGX Thor (T4000 / T5000) Module**
Flagship Blackwell Architecture, Ultimate On-Device AI Performance
- **Up to 2070 Sparse FP4 TFLOPs AI Computing Power**
Smooth Local Inference for 7B–70B Large Language Models
- **Up to 14-core Arm® Neoverse®-V3AE 64-bit CPU**
Strong Multi-tasking & Real-time Processing Capability
- **128 GB High-Bandwidth LPDDR5X (273 GB/s)**
Alleviate Large Model Memory Bottleneck
- **2 × 10GbE Ethernet + Wi-Fi 6 + BT 5.3**
Ultra-High-Speed Data Transmission & Stable Wireless Connection
- **2 × HDMI® 2.1 TMDS (4K@60 Hz) + Rich High-Speed I/O**
4 × USB 3.2 Gen 1 Type-A + 1 × USB 3.2 Gen 2 Type-C
- **1 TB NVMe SSD**
Large Storage for Models, Datasets & Applications
- **Compact Desktop Design**
130 × 125 × 75 mm, Plug-and-Play, No Rack Required
- **Local Private Deployment**
All Data & Models Processed On-premises, No Cloud Upload Needed
- **Complete NVIDIA AI Ecosystem**
JetPack 7.1, CUDA, TensorRT, NIM, Container Support



Arm®ENeoverse®
-V3AE 64-bit



M.2 2280 NVMe
SSD



NVIDIA 2070 Sparse
FP4 TFLOPs



Dual 4K@60 Hz
Video Outputs



NVIDIA®
Graphics



Dual 10G
Ethernet



Twin Turbo
Intercooler



Wi-Fi 6
Dual Band



Ubuntu
24.04

Specifications

Module	Type	Jetson T4000	Jetson T5000
AI performance	Type	1200 Sparse FP4 TFLOPs	2070 Sparse FP4 TFLOPs
GPU	Type	536-core NVIDIA® Blackwell architecture GPU with 64 fifth-gen Tensor Cores Multi-Instance GPU (MIG) with 6 TPCs	2560-core NVIDIA® Blackwell architecture GPU with fifth-gen Tensor Cores Multi-Instance GPU (MIG) with 10 TPCs
PVA	NVIDIA® PVA 3.0	Operating Frequency (up to): 1.215 GHz PVA Performance (up to): 165 FP32 GFLOPs320 FP16 GFLOPs	
CPU	Type	12-core Arm® Neoverse®-V3AE 64-bit	14-core Arm® Neoverse®-V3AE 64-bit
Memory	DDR	64 GB LPDDR5X-4266MHz	128 GB LPDDR5X-4266MHz
Storage	SSD	1 TB M.2 2280 PCIe 4.0 × 4 NVMe SSD	
	SSD Slot	1 × M.2 2280 PCIe 4.0 × 4 NVMe SSD Slot	
Wi-Fi BT	Type	M.2 2230 802.11AX Dual Band Wi-Fi 6 (2.4GHz / 5GHz), BT5.3	
1/O Prot		Front	
	Button	1 × Power Button with White LED	
	LED	1 × SSD Indicator Light	
	Reset	Support	
	USB Type-C	1 × USB-C 3.2 Gen2	
		Rear	
	RJ45	2 × RJ-45 10G Ethernet	
	USB Type-A	4 × USB-A 3.2 Gen1	
	HDMI®	2 × HDMI® 2.1 TMDS (4K@60 Hz)	
	DC Jack	19V/9.47A 180W Max	
OS	System	NVIDIA® Ubuntu 24.04 (Jetpack7.1)	
	Watchdog	255-level programmable seconds/minutes	
Environment	Operating Temperature	0~15°C @5~80%RH	
	Storage Temperature	-20~70°C	
	Relative Humidity	10~ 95% RH @ 40°C/104°F, non-condensing	
Electromagnetic Compatibility	EMI/EMC	Margin 3DB	
	ESD	The product shall meet ESD immunity Grade 4 requirements in accordance with GB/T 17626.2-2006: +4 kV for contact discharge, +8 kV for air discharge	
Physical	Material	Metal + Plastic	
Parameter	Machine Dimension	139.3 × 131 × 76.8 mm	
	Machine Weight	1420g	

Product Overview

