Coeus-4001T

Edge AI Computers
Based on NVIDIA Jetson Thor platform

POWERED BY NVIDIA

Main Features

- Features the NVIDIA® Jetson ThorTM module, delivering 2070 FP4 TFLOPS of computing power, providing desktop-class AI inference capabilities for edge devices.
- SIntegrates NVIDIA's full-stack AI and robotics development ecosystem, significantly lowering the barrier from simulation to edge deployment.
- Supporting 5G, 4G, and Wi-Fi expansion
- DC 24-30V input，Operating Temperature -10 ~ 50°C , wall-mounted, rail-mounted

Supports All Modern Gen AI Frameworks and Models

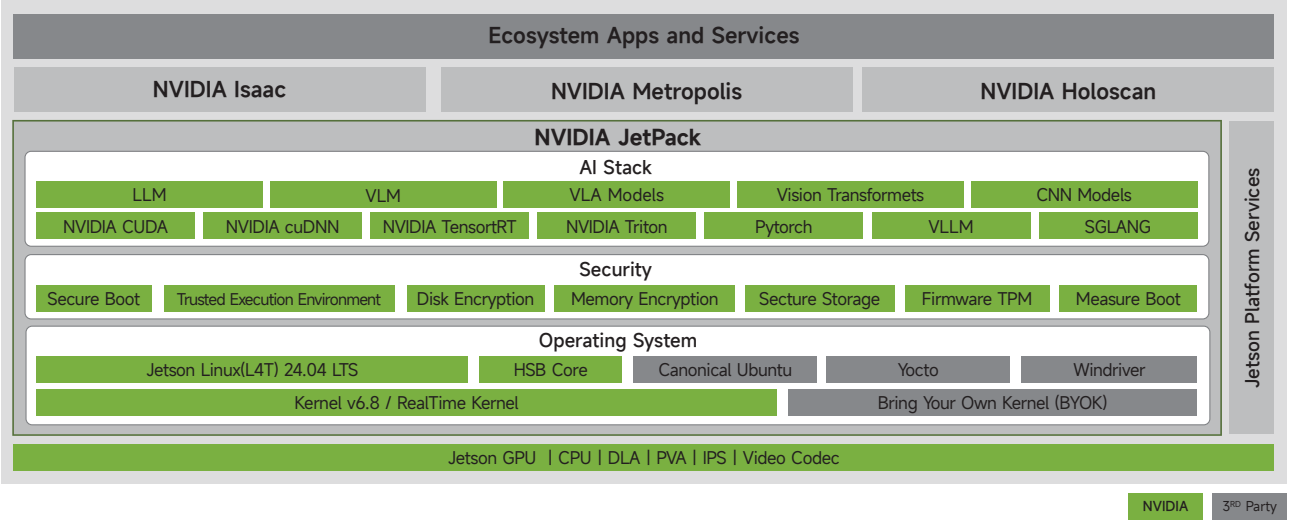
AI Frameworks

Hugging Face · Anyscale · LLaMA · Machine Learning Compilation · NVIDIA TensorRT-LLM · ONNX · PyTorch · SGL · TensorRT · vLLM

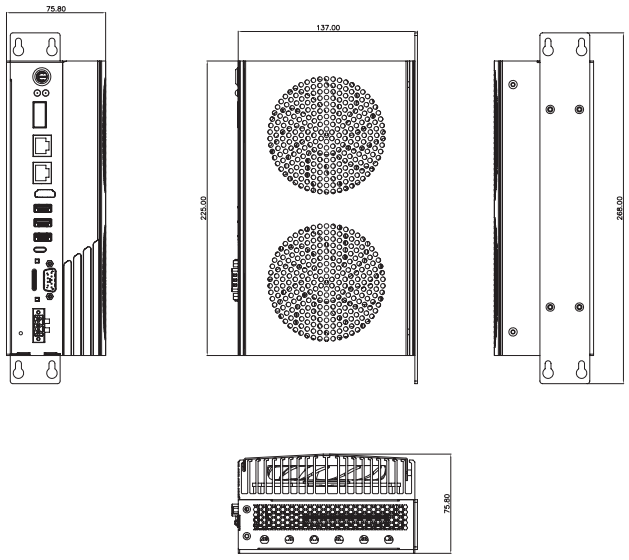
Generative AI Models

ByteDance · deepseek · Gemini · Meta · Mistral AI_ · OpenAI · Physical Intelligence (π) · Qwen

Jetson Software Stack



Dimension Drawing



Specifications

Model	NVIDIA Jetson Thor T5000
CPU	14 -core Arm® Neoverse®-V3AE 64-bit 1MB L2 +16MB L3 2.6 GHz
GPU	2560-core NVIDIA Blackwell GPU with 96 Tensor Cores, 1.57GHz
Memory	128 GB 256-bit LPDDR5X
Storage	Supports NVMe SSDs via PCIe
I/O Interfaces	1 × Power Switch
	2 × RJ45 2.5G LAN
	1 × QSFP28（expandable to 4×25G optical modules）
	3 × USB 3.0
	2 × COM（non-full signal, DB9 type, configurable as RS-232/422/485）
	4 × CAN（1*DB9 type, customizable）
	2 × Indicator LEDs（PWR、SYS）
	1 × Recovery Button
	1 × OTG（Type-C）
	1 × 3-Pin Power Connector
	1 × HDMI
	1 × Debug Button
	1 × Nano-SIM
	1 × Ground screw hole
	6 × Antenna holes

Expansion	6 × Antenna holes
	1 × M.2 M-Key 2280 (Supports PCIe x4 signals)
	1 × M.2 B-Key 3052 (Supports USB3.0&2.0 / SIM signals)
	2 × PCIe x4 connectors, expandable for I2S, I2C, GPIO, CSI, UART, SPI, etc. (customizable)
Fan	2 × DC 12V 9015
Power supply	
Power input	DC 24-30V
Mechanical Specifications	
Dimensions	75.8mm (W) x 137mm (D) x 268mm (H)(with stand)
Mounting	Wall-mount, DIN-rail mount
Environment	
Operating temperature	-10 ~ 50 °C with air flow
Storage temperature	-20 ~ 80 °C
Relative humidity	40°C，95% (non-condensing)

Ordering Information

Model	Coeus-4001T
AI performance	2070 TFLOPS
Order number	10JD4001T00XH
Module	Jetson T5000

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