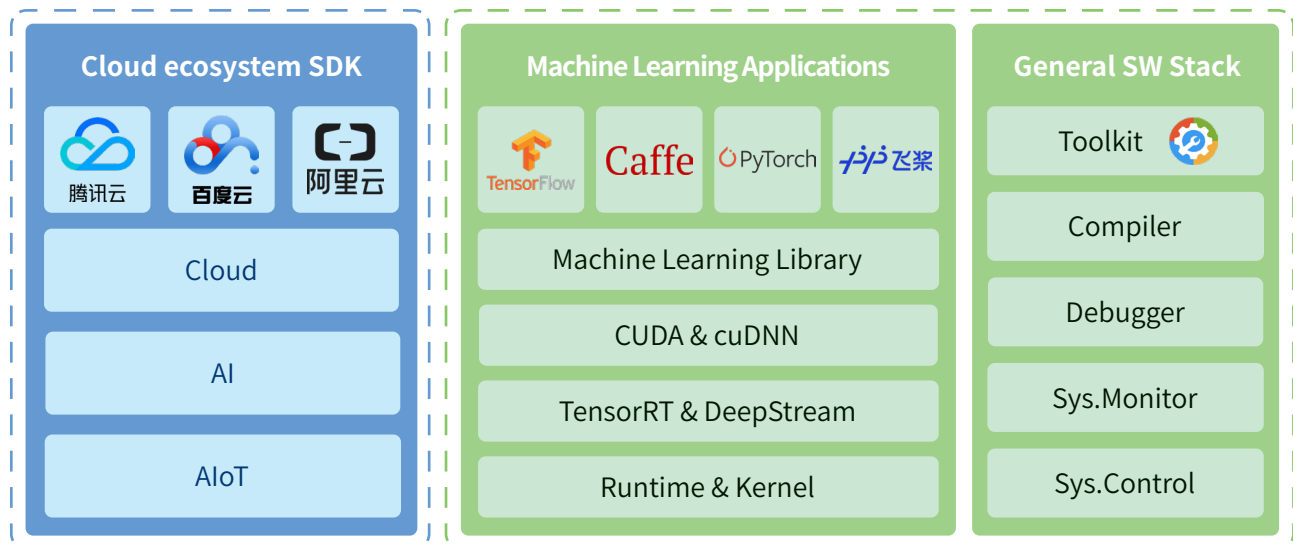




Main Features

- ◆ NVIDIA® Jetson Thor™ 128GB Module (2070 TFLOPS)
- ◆ Supports multiple AI frameworks including TensorFlow, Caffe, and PaddlePaddle
- ◆ Compatible with various AI tools such as TensorRT and DeepStream SDK
- ◆ Supporting 5G, 4G, and Wi-Fi expansion
- ◆ DC 24-30V input, Operating Temperature -10 ~ 50°C , wall-mounted, rail-mounted

Software Application Service



AI Environment	• Ubuntu 24.04	• CUDA Toolkit	• cuDNN	• Multimedia
	• VisionWorks	• OpenCV	• TensorRT	• VPI on target
	• DeepStream	• Container Runtime		

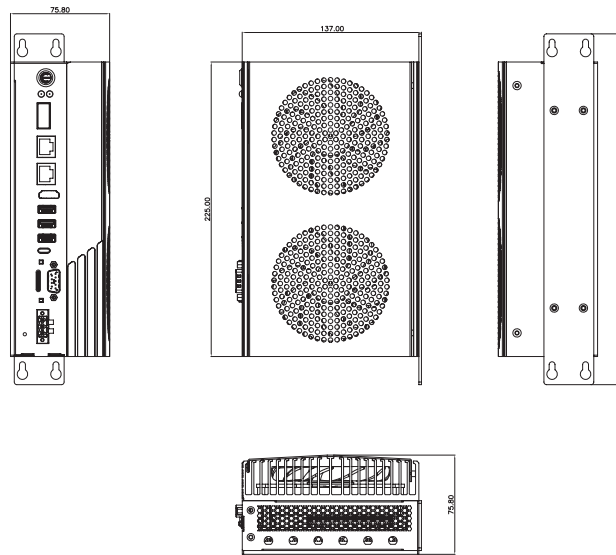


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Dimension Drawing



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
Expansion	1 × HDMI
	1 × Debug Button
	1 × Nano-SIM
	1 × M.2 E-Key 2230 (Supports PCIe x1 / USB2.0 signals)
	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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