

MIC-743-AT

搭载 NVIDIA® Jetson Thor™ 的边缘AI推理平台

NEW



特性

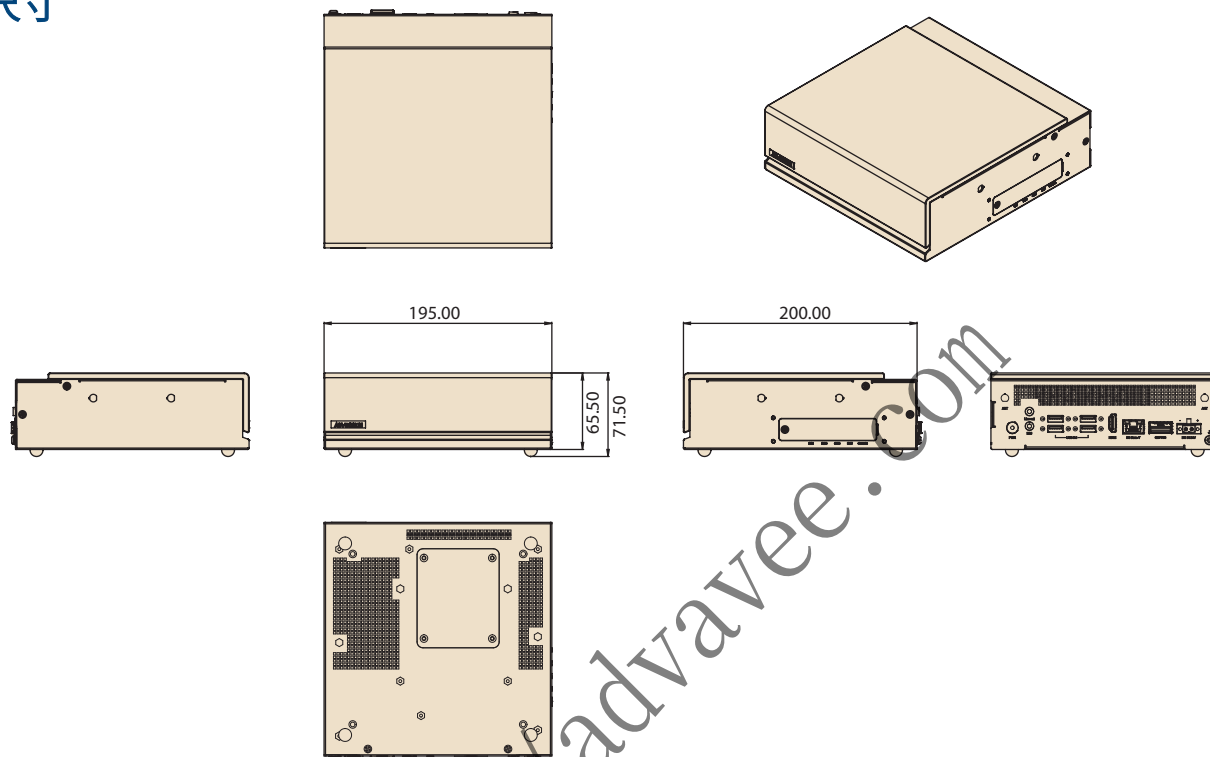
- 搭载 NVIDIA® Jetson T5000™ / T4000™，算力高达 2070 TFLOPS (FP4)
- 支持 1 路 QSFP28 (T5000 : 4 x 25GbE / T4000 : 3 x 25GbE)
- 支持 1 路 5GbE、4 个 USB 3.2 Gen 2、1 个 M.2 AEkey (WiFi)、1 个 M.2 Bkey (LTE)
- 支持面向生成式 AI 应用的多用途大型 AI 模型

规格

处理器		NVIDIA® Jetson T5000™ / T4000™
	CPU	T5000: 14 core Arm® Neoverse V3AE (64-bit) SMP CPU architecture L1 Cache (I, D) per core: 64KB + 64KB, L2 1MB, L3 16MB T4000: 12 core Arm® Neoverse V3AE (64-bit) SMP CPU architecture L1 Cache (I, D) per core: 64KB + 64KB, L2 1MB, L3 16MB
	GPU	T5000: 2560 NVIDIA® CUDA® cores 96 5th Gen Tensor cores MAXN: 1.57 GHz T4000: 1536 NVIDIA® CUDA® cores 64 5th Gen Tensor cores MAXN: 1.53 GHz
以太网	内存	T5000: 128GB LPDDR5X T4000: 64GB LPDDR5X
	RJ45	1 x 10/100/1000/2500/5000 Mbps Ethernet
I/O	QSFP28	T5000: 4 x 25GbE T4000: 3 x 25GbE
	显示	HDMI (Max. resolution 3840x2160 @ 60Hz)
	USB	4 x USB 3.2 Gen 2
	OTG USB	1 x Micro USB
	控制	1 x microUSB console for debug (UART to USB)
	Audio	1 x audio speaker out, MIC in on board
	SIM card	1 x Nano SIM on side of board
扩展	M.2 Ekey	1 x 2230 E-key (Signal: PCIe1 + USB2.0)
	M.2 Bkey	1 x 3052/3042 B-key (Signal: USB3.0 + USB2.0)
	TPM	1 x TPM (板载)
存储	M.2 M.key	1 x 2280 M-key NVMe (PCIex4) pre-installed 1TB SSD
	电源	Power input: 19-36V
电源	电源类型	Terminal Block 2 Pin
	内置排针	3 x SMART FAN
工作环境	工作温度	-10 ~ 35 °C with 0.7 m/s air flow
	工作湿度	95% @ 40 °C (非冷凝)
	振动	3 Grms @ 5 ~ 500 Hz, random, 1 hr/axis
物理特性	尺寸 (宽 x 深 x 高)	195 x 200 x 71.5 mm with rubber foot
	重量	2kg
	安装	Desktop/Wall mount
操作系统		NVIDIA Jetpack™ 7.0
认证		CE/FCC/CCC/KCC/BSMI/UL (No RED certification)

尺寸

单位: mm



订购信息

料号	NVIDIA 模块	内存	eMMC	已安装的 Jetpack 版本	NVMe
MIC-743-AT7A1	NVIDIA® Jetson T5000™	128 GB	NA	JetPack7.0	1TB Pre-installed
MIC-743-AT6A1	NVIDIA® Jetson T4000™	64 GB	NA	JetPack7.0	1TB Pre-installed
MIC-743-AT7A2	NVIDIA® Jetson T5000™	128 GB	NA	NA	NA
MIC-743-AT6A2	NVIDIA® Jetson T4000™	64 GB	NA	NA	NA

包装清单

料号	描述	数量
MIC-743-AT	边缘AI开发板	1
XMIC-FSP230-AAAN3	ADP A/D 100-240V 230W 24V C14 TERMINAL BLOCK 2P	1
1700023619-01	Micro USB cable for system recovery	1

可选配件

	料号	描述	数量
SSD	96FD80-P2TB-TS1	SSSTC M.2 2280 2TB NVME G4x4 DRAMLESS SSD -25°C ~85°C	1
	EWM-W179M201E	Wi-Fi 6 + BT Module M.2 Key A/E	1
Wifi	1751000620-01	Cable Ant. SMA/F-R MHF4L/113 BLK L300mm (Wi-Fi)	2
	1751000460-01	Dipole Ant. WiFi 6E SMA/M-R BLK L111.7mm IP54 (Wi-Fi)	2
	AIW-356-DQ	5G Sub6+GNSS M.2 3052 Key B (by region)	1
5G	1751000623-01	Cable Ant. SMA/F MHF4L/113 BLK L300mm (5G)	4
	1750009372-01	Ant.SMA/M 90/180 5G BLK 167mm RG178 (5G)	4
	1702002600	Power Cord (USA) UL/CSA, 3-pin, 10A, 125V, 1.83 M	1
Power Cord	1700029019-01	Power Cord (PSE/BSMI), 3-pin, 7A, 125V, 1.8 M, DAC-ST01	1
	1702002605	Power Cord (EU) 2-pin, 10/16A, 220V, 1.83 M, 90 D	1
	1960070543T00B	MOUNTING Bracket for MIC-743	2
Wall Mount kit	1930007259-01	Screw M4x4L F/S D=8.5 H=1.5 (2+) ST/H BZn-NK	4