

MIC-78G30

GPU 扩展模块适用于
高性能边缘AI计算MIC-78 系列



特性

- 专为下一代计算设计，支持最大 3.5 slot PCIe 5.0 GPU 卡，适配三风扇显卡
- 可搭载英伟达 600W, 3.5槽位, 388mm长度的GPU
- 三路 24V直流输入为GPU加速卡与MIC-78供电
- 柔性 GPU 卡固定支架，保障 GPU 加速卡稳固可靠
- 支持最高 1 Grms 工作振动, 确保系统稳定运行
- 支持最高 35°C 运行温度搭配 600W GPU加速卡
- PWM 风扇实现智能热管理
- 双前置可拔插 2.5" 硬盘位,维护便捷
- 紧凑型设计

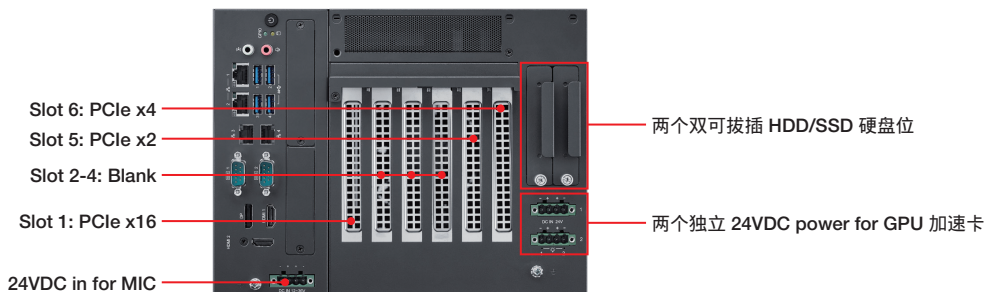
简介

MIC-78G30 可支持 NVIDIA 3.5 槽位、600W 高功耗三风扇高性能 GPU 加速卡。坚固可靠的供电设计，保障 MIC-78 主机与 GPU 加速卡在高功耗应用工况下稳定可靠。非常适用于高性能边缘 AI 计算、大语言模型（LLM）、3D 图像处理及机器视觉应用场景。

规格

扩展槽	Slot 1: PCIe x16, Slot 2-4: Blank, Slot 5: PCIe x2, Slot 6: PCIe x4
SATA 连接器	2 x SATA Signal, 2 x SATA Power
存储	2 x 2.5" swappable HDD/SSD storage bay
电源	Input: Triple 24 V _{DC} (one on MIC-78 system, two on MIC-78G30 for 600W GPU cards) 电源功耗: 额定: 872W (Tested with 600W GPU card with MIC-780W, 65W CPU, 4-port PoE and 4-port USB cards)1 x 12VHPWR(12+4 pin) conn. for GPU card (support up to 600W) 1 x 4-pin Conn. for add-on card (12V _{DC} , 5A)
GPU 卡尺寸	Thickness: 71 mm (3.5-slot), Length: 388 mm, Height: 138 mm Support up to triple-fan GPU cards
LED	Indicator LED for power status
环境	Operating Temp.: 0~35 °C (35W CPU w/ industrial SSD), with 0.7m/sec air flow) Vibration: With SSD: 1 Grms @ 5~500 Hz, random, 1 hr/axis Shock: With SSD: 10G, IEC-68-2-27, half-sine wave, 11 ms duration
物理特性	MIC-78G30 N.W. 5 kg; G.W.: 7 kg 尺寸 (W x H x D): 255 x 195 x 440 mm
风扇	1x 12038 嵌入式冷凝风扇 (8300 RPM, 238 CFM, Max. 79.3 dB)

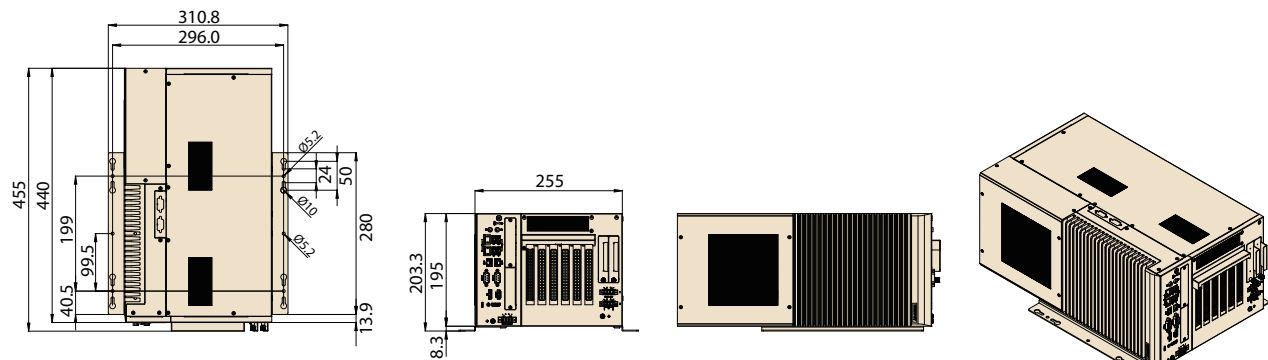
前视图



安装方式与尺寸

Example: MIC-780 + MIC-78G30

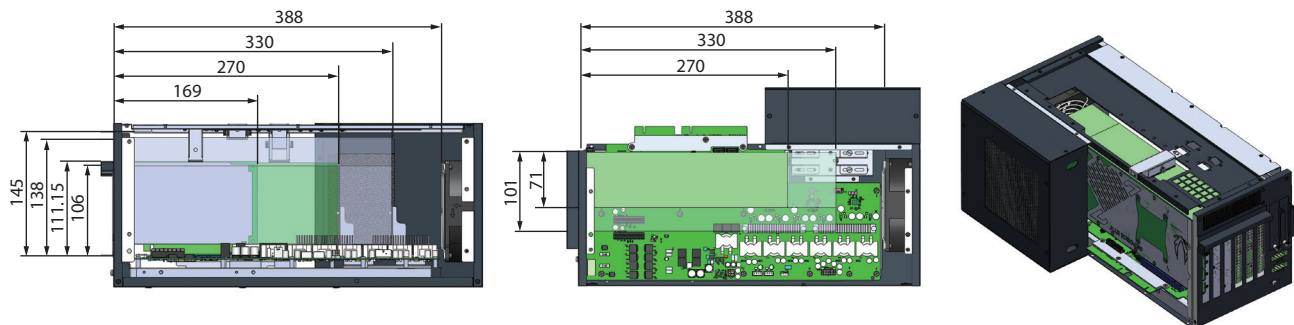
W x H x D: 255 x 195 x 440 mm



Note:

建议设备后侧至少预留 25mm 空间，保障风扇通风散热。

GPU 加速卡尺寸



订购信息

料号	描述
MIC-78G30-00A1*	MIC-78 GPU i-Module with 1 PCIe x16, 1 x PCIe x2, 1x PCIe x4, 2x 2.5" swappable storage bay

* MIC-780 series H SKU does not support PCIe x2 signal(PCle x4 slot). Please refer to i-Module datasheet for compatibility matrix.

包装清单

料号	描述	数量
1652003234	4-pin phoenix connector	2
1700036470-01	SATA cable	2
1700035522-01	GPU power cable (12VHPWR to 12VHPWR)	1
1960005359T00A	Mounting bracket (L)	1
1960094392N101	Mounting bracket (R)	1

可选配件

料号	描述
XMIC-HRPG-1000-24*	100-240V, 1008W, 24V PSU
1700031413-01	PSU DC-DC power cable, 1M
1700029720-01	PSU power cord (USA), AC Conn., 3-pin, 10A, 125V, UL/CSA, 1.83M
1700030520-01	PSU power cord (CN), AC Conn., 3-pin, 10A, 250V, CCC, 1.5M
1700031408-01	M cable conn 3P/G-TEM*3 80CM (EU)
1700022074-11	4-pin 12V _{DC} power cable (40cm, for PoE card)

* Recommend to use for powering MIC-78G30 + MIC-78 series system.

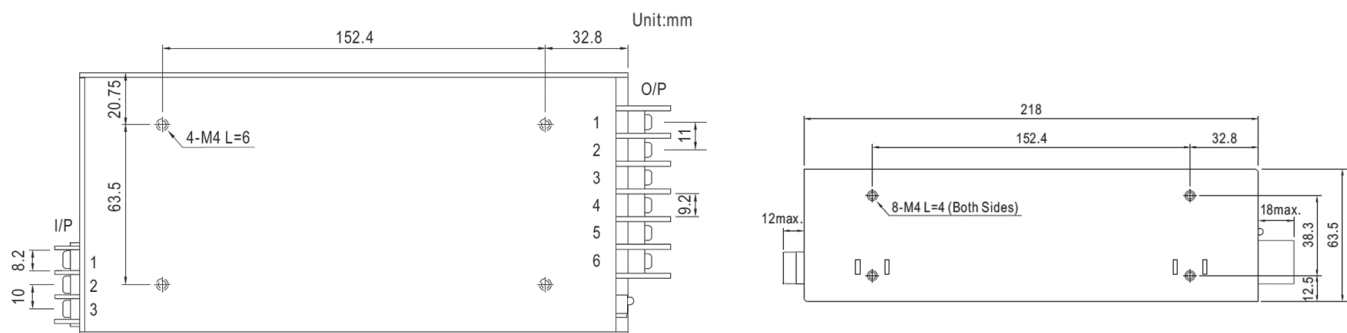
电源布线指南



AC-DC PSU power cord (1.83M)
P/N: 1700029720-01 (USA)
1700030520-01 (CN)
1700031408-01 (EU))

DC-DC PSU power cord: 1700031413-01

电源引脚定义与尺寸 (unit: mm)



AC Input Terminal Pin No.
Assignment

Pin No.	Assignment
1	AC/L
2	AC/N
3	FG $\perp$

DC Output Terminal Pin No.
Assignment

Pin No.	Assignment
1~3	+V
4~6	-V

PSU power cord & Pin Definition (connect from AC to DC)

