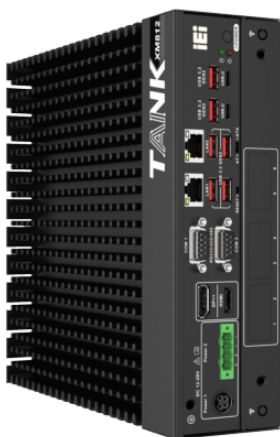


TANK-XM812

高性能 AMD Ryzen™ 7000/8000 系列 AM5 处理器,
无风扇嵌入式计算机



Features

» 支持的CPU:

AMD Ryzen™ 7000/8000 Series AM5 Processor

AMD Ryzen™ 7 8700G 4.2GHz (up to 5.1GHz, 8-core, 65W)

AMD Ryzen™ 5 8600G 4.3GHz (up to 5.0GHz, 6-core, 65W)

» 2 x 2.5GbE ports

» 多个USB和串行接口

» 多种内部扩展板, 灵活选择

» 多种可选背板和机箱

» 符合 CE/FCC 标准

Specifications

Form factor	
SBC Form Factor	» CPU:
	AMD Ryzen™ 7000/8000 Series AM5 Processor
	AMD Ryzen™ 7 8700G 4.2GHz (up to 5.1GHz, 8-core, 65W)
	AMD Ryzen™ 5 8600G 4.3GHz (up to 5.0GHz, 6-core, 65W)
	» 芯片组:
	AMD B650
	» 系统内存:
	2 x SO-DIMM DDR5 5200 (预装8GB) (支持高达 96GB)
	» 电源:
	直流插孔: 12 V~28 V直流
	接线端子: 12 V~28 V直流
	功耗: 12V @ 6.95A (AMD Ryzen™ 7 8700G 带 8GB 内存)
I/O Interface	
I/O Ports	» USB:
	6 x USB 3.2 Gen2
	» 网络:
	2 x RJ-45: 2.5 GbE by Intel® I226V (colay I226LM)
	» 串口:
	2 x RS-232/422/485
	4 x RS-232
	» 数字 I/O:
	12-bit Digital I/O (6-in/ 6-out)
	» 显示:
	1 x HDMI
	1 x DP++
	2 x USB Type-C (Display + USB 3.2 Gen2)
	» 音频:
	1 x Mic
	1 x Line-out
	» TPM:
	1 x 20pin TPM 接口 (选配 TPM-IN03 模块)

	» 看门狗定时器 :
	可编程 1 ~ 255 秒/分钟
Expansion Slots	
Expansion Slots	» M.2:
	1 x 2280 M-key (PCIe Gen4 x4)
	1 x 2230 A-key (USB 2.0 + PCIe Gen3 x1)
	» 背板: 选配
System	
Cooling method / System Fan	无风扇
	4 针外部系统风扇连接器
Drive Bays	2 x 2.5" SATA 6Gb/s HDD/SSD bay (RAID 0/1 supported)
Indicator&Buttons	
Buttons	1 x 电源开关
	1 x 复位开关
	1 x AT/ATX开关
Indicators	1 x 电源灯 (绿色)
	1 x 硬盘灯 (黄色)
Physical Characteristics	
Construction	铝合金
Color	
Color	黑色
Dimensions	
Dimensions	230.6 x 255 x 68.7
Weight	
Weight	3.18/5 kg
Environment	
工作温度	-20°C ~ 60°C (CPU TDP50W & SSD)
	-20°C ~ 50°C (CPU TDP65W & SSD)
相对湿度	10% ~ 95% 无冷凝
Operating Vibration	IEC68-2-27 half-sine, 5G, 11ms, 100 shocks (With SSD)
Operating Shock	Random Vibration Mode, MIL-STD-810H 514.8C-I (With SSD)
安规&电磁	符合 CE/FCC 认证
OS Support	
OS Support	Microsoft Windows 10 / Windows 11, Linux

Ordering Information

TANK-XM812-87AC-R10	Ruggedized Fanless embedded system with AMD Ryzen™ 5 8700G, (up to 5.1 GHz, 8 Core, TDP 65W), 8GB DDR5 pre-installed memory, PCIe x8/PCIe x4/PCIe x1, HDMI/DP/USB4, 12~28V DC, RoHS
TANK-XM812-85AC-R10	Ruggedized Fanless embedded system with AMD Ryzen™ 5 8600G, (up to 5.0 GHz, 6 Core, TDP 65W), 8GB DDR5 pre-installed memory, PCIe x8/PCIe x4/PCIe x1, HDMI/DP/USB4, 12~28V DC, RoHS

Packing List

1 x 壁挂支架	1 x 螺丝包
2 x 凤凰端子	1 x 硬盘线