

TANK-XM813

高性能第 15 代 Intel® Core™ Ultra
处理器无风扇嵌入式计算机



Features

» 支持的CPU:

LGA1851 socket supports 15th generation Intel® Core™ Ultra 9/7/5 processor(Arrow Lake -S)(MAX 65W TDP)

» 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:
	LGA1851 socket supports 15th generation Intel® Core™ Ultra 9/7/5 processor(Arrow Lake -S)(MAX 65W TDP)
	» 芯片组:
	W880
	» 系统内存:
	2 x SO-DIMM DDR5 5600 (预装16GB) (最大支持96GB)
	» 电源:
	直流插孔: 12 V~28 V直流
	接线端子: 12 V~28 V直流
I/O Interface	
I/O Ports	» USB:
	7 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++
	1 x USB4 (Display+USB 3.2 Gen2)
	» 音频:
	1 x Mic
	1 x Line-out
	» TPM:

	支持 Intel PTT
	2x10pin TPM 接口
	» 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+PCIe x1, supports vPRO)
	» 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
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 256.04 x 76.2
Weight	
Weight	3.2/3.5 kg
Environment	
工作温度	-20°C ~ 60°C 有气流 (CPU TDP35W & SSD)
	-20°C ~ 50°C 有气流 (CPU TDP65W & SSD)
相对湿度	10% ~ 95% 无冷凝
Operating Vibration	Half-sine wave shock 5G, 11ms, 100 shocks per axis (SSD)
Operating Shock	MIL-STD-810G 514.6C-1 (SSD)
安规&电磁	符合CE/FCC认证
OS Support	
OS Support	Microsoft Windows 10 / Windows 11, Linux

Ordering Information

TANK-XM813-U9AD-R10	Ruggedized Fanless Embedded System With Intel® Ultra9, 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-U7AD-R10	Ruggedized Fanless Embedded System With Intel® Ultra7, 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-U5AD-R10	Ruggedized Fanless Embedded System With Intel® Ultra5, 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-R10	Ruggedized Fanless Embedded System Support Intel®15th CPU, 2xDDR5 SODIMM, 1xHDMI, 1xDP++, USB4, 2xRS232/422/485, 4xRS232, 7xUSB3.2, 12xGPIO, Audio, 12~28V DC and RoHS

Packing List

1 x 壁挂支架	1 x 螺丝包
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2 x 凤凰端子	
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