

TANK-XM811

高性能第 12 代 Intel® Core™ 处理器无风扇嵌入式计算机



Features

» 支持的CPU:

Intel® Core™ i5-12500TE 1.9GHz (up to 4.3GHz, 6-core, 35W TDP)

Intel® Core™ i7-12700TE 1.4GHz (up to 4.6GHz, 12-core, 35W TDP)

Intel® Core™ i9-12900TE 1.1 GHz (up to 4.8 GHz, 16-core, 35W 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:
	12th Gen Intel® Core™ CPU 35/65W
	Intel® Core™ i5-12500TE 1.9GHz (up to 4.3GHz, 6-core, 35W TDP)
	Intel® Core™ i7-12700TE 1.4GHz (up to 4.6GHz, 12-core, 35W TDP)
	Intel® Core™ i9-12900TE 1.1 GHz (up to 4.8 GHz, 16-core, 35W TDP)
	» 芯片组:
	R680E
	» 系统内存:
	2 x SO-DIMM DDR4 3200 (预装8GB) (支持多达64GB)
	» 电源:
	直流插孔: 12 V~28 V直流
	接线端子k: 12 V~28 V直流
	功耗: 12V @ 8.8A (Intel® Core™ i9-12900TE带16GB 内存)
I/O Interface	
I/O Ports	» USB:
	8 x USB 3.2 Gen 2
	» 网络:
	2 x RJ-45:
	2 x 2.5 GbE by Intel® I225V (colay I225LM)
	» 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++
	» TPM:
	支持 Intel PTT
	» 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 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	1 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	3.33/3.7 kg
Environment	
Operating Temperature	-20°C ~ 60°C 有气流 (CPU TDP35W & SSD)
	-20°C ~ 50°C 有气流 (CPU TDP65W & SSD)
Humidity	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)
Safety & EMC	符合CE/FCC认证
OS Support	
OS Support	Microsoft Windows 10 / Windows 11, Linux

Ordering Information

TANK-XM811-i9AD-R10	Ruggedized Fanless Embedded System With Intel® i9, 16GB RAM, 1xHDMI™, 1xDP++, 12~28V DC and RoHS
TANK-XM811-i7AC-R10	Ruggedized Fanless Embedded System With Intel® i7, 8GB RAM, 1xHDMI™, 1xDP++, 12~28V DC and RoHS
TANK-XM811-i5AC-R10	Ruggedized Fanless Embedded System With Intel® i5, 8GB RAM, 1xHDMI™, 1xDP++, 12~28V DC and RoHS

Packing List

1 x 壁挂支架	1 x 螺丝包
2 x 凤凰端子	