

# TANK-XM813

高性能 Intel ® Core™ Ultra 处理器 (Series 2)  
无风扇嵌入式计算机



## Features

### » 支持的CPU:

LGA1851 socket supports Intel® Core™ Ultra Processors (Series 2)(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 Intel® Core™ Ultra Processors (Series 2)(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
<b>Expansion Slots</b>	
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
<b>System</b>	
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)
<b>Indicator&amp;Buttons</b>	
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 (红色)
	1 x 硬盘灯 (绿色)
<b>Physical Characteristics</b>	
Construction	铝合金
<b>Color</b>	
Color	黑色
<b>Dimensions</b>	
Dimensions	230.6 x 255 x 68.7
<b>Weight</b>	
Weight	3.2/3.6 kg
<b>Environment</b>	
工作温度	-20°C ~ 60°C (CPU TDP35W & SSD)
	-20°C ~ 50°C (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
<b>OS Support</b>	
OS Support	Microsoft Windows 10 / Windows 11, Linux

## Ordering Information

TANK-XM813-U9BD-R10	Ruggedized Fanless Embedded System With Intel® Ultra 9 285 2.5GHz (up to 5.6 GHz, 24-core, TDP 65W), 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-U9AD-R10	Ruggedized Fanless Embedded System With Intel® Ultra 9 285T 1.4GHz (up to 5.4 GHz, 24-core, TDP 35W), 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-U7BD-R10	Ruggedized Fanless Embedded System With Intel® Ultra 7 265 2.4GHz (up to 5.3 GHz, 20-core, TDP 65W), 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-U7AD-R10	Ruggedized Fanless Embedded System With Intel® Ultra 7 265T 1.5GHz (up to 5.3 GHz, 20-core, TDP 35W), 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-U5BD-R10	Ruggedized Fanless Embedded System With Intel® Ultra 5 225 3.4GHz (up to 4.9GHz, 10-core, TDP 65W), 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS
TANK-XM813-U5AD-R10	Ruggedized Fanless Embedded System With Intel® Ultra 5 225T 2.5GHz (up to 4.9GHz, 10-core, TDP 35W), 16GB RAM,1xHDMI,1xDP++, USB4, 12~28V DC and RoHS

**Packing List**

2 x 凤凰端子

1 x 螺丝包