

CEP-12xS-TGLU

工业平板电脑CEP系列

**工业无风扇触摸一体机, 采用12.1"全平面五线电阻触摸屏或10点投射式电容屏
11代 Intel® Core™ Tiger lake U i7/i5/i3 处理器**

Industrial fanless touch computer

12.1" Industrial-grade true-flat 5-wire resistive touch screen or industrial degree 10 points project capacitive touch
11th Generation Intel® Core™ Tiger lake U i7/i5/i3 Processors



板载11代 Intel® Core™ Tiger lake U i7/i5/i3 处理器

12.1英寸 LED背光显示屏, 前面框支持IP66防护等级

铝合金的机身使其轻薄、坚固稳定、散热效果更好

工业等级五线全平面电阻触摸屏或10点投射式电容屏

内置Mini-PCIe/M.2 2230/M.2 2242 支持多种模块扩展

支持三个千兆网口

宽压10-36V DC-IN, 可锁附凤凰端子接口

支持远程开关

产品外壳接地保护

内置2个3W 4Ω Speaker

内置1 x 2.5寸HDD/SSD可扩充支架

支持标准VESA及嵌入式安装方式

Onboard 11th Generation Intel® Core™ Tiger lake U i7/i5/i3 Processors

12.1 inches LED panel, front panel IP66

Aluminum alloy structure makes product light, firm, and better heat dissipation

Industrial-grade true-flat 5-wire resistive touch screen or industrial degree 10 points project capacitive touch

Support Mini-PCIe/M.2 extension of multiple modules

Support Three GbE LAN

Wide voltage 10~36V DC-IN, lockable phoenix connector

Support remote ON-OFF

Grounding protection for product shell

Support 2x 3W 4Ω speaker

Support 1 x 2.5 inches HDD/SSD expansion

Support standard VESA and panel mount



■ 规格 Specification

系统 System		触摸屏 Touchscreen	
处理器 Processor	i3-1115G4 3.0G (2 Cores, 6M Cache, up to 4.1GHz)	触摸屏 Touch Type	全平面五线电阻屏
	i5-1135G7 2.4G (4 Cores, 8M Cache, up to 4.2GHz)	触控 Touch	35,000,000 times
	i7-1165G7 2.8G (4 Cores, 12M Cache, up to 4.7GHz)		
	i5-1145G7E 1.5G (4 Cores, 8M Cache, up to 4.1GHz)		
内存 Memory	1 x DDR4 3200 MHz SO-DIMM, up to 32 GB		
存储 Storage	1 x 2.5" SATA3.0 HDD/SSD 1 x M.2 2242 SSD slot		
图形 Graphics	Intel® UHD Graphics for 11th Gen, Intel® Processors & Intel® Iris® Xe Graphics		
操作系统 OS	Windows 10, Linux		
看门狗定时器 Watchdog Timer	Programmable 255 levels timer interval, from 1~255 sec/min		
显示屏 Display			
尺寸 Size	12.1 inches		
分辨率 Resolution	1024(H) x 768(V)		
屏幕宽高比 Ratio	4:3		
亮度 Brightness	450 nits		
可视角 Viewing Angle	CR ≥ 10, 80° (T)/80° (B)/80° (L)/80° (R)		
对比度 Contrast Ratio	700		
背光 Backlight	LED Backlight		
背光寿命 Backlight Lifetime	50000Hrs		
机构 Mechanical		外部接口 External I/O	
前框 Front Panel	铝 Aluminum	串口 COM	2 x RS232/422/485 (COM1/2) with DB9 2 x RS232/RS485, 2 x RS232 with 12PIN Phoenix connector
铝挤 Heat-Sink	铝 Aluminum	USB	4 x USB 3.1
底板 Rear Cover	铁 SECC	网口 Ethernet	1 x RJ45 Intel® I226V Gbe (10/100/1000 Mbps) 2 x RJ45 Intel® I210-AT Gbe (10/100/1000 Mbps)
安装方式 Mounting	Panel Mount, Wall and VESA-mount (100 x 100mm)	显示 Video	1 x HDMI (up to 4096 x 2304@60Hz)
尺寸 Dimension	307(W) x 241.6(H) x 59(D)mm	音频 Audio	1 x Audio(Line-out&Mic-in 2 in 1), ALC888S 2 x Speaker 4Ω3W
建议开孔尺寸 Cut Out	299 x 233.6mm	OS 重置 Reset	1 x OS reset
重量 Weight	3.55Kg	开关按键 Power button	1 x Power button W/LED(System 上电 -LED OFF/Power ON-LED ON/Power OFF-LED OFF)
		电源输入 Power Input	1 x Power Connector (2P Phoenix)
		远程开关 Remote ON-OFF	1 x Remote ON-OFF
电源 Power		内部接口 Internal I/O	
电源输入 Power Input	10-36V DC	扩展接口 Expansion	1 x Mini-PCIe (PCIe/USB2.0 signal supported) 1 x M.2 Key-E 2230 slot (WiFi +BT supported) 1 x SIM socket 1 x 8Bit GPIO
		环境 Environmental	
		操作温度 Operation Temp.	-10°C ~ 50°C (SSD), 0°C ~ 40°C (HDD)
		存储温度 Storage Temp.	-40°C ~ 70°C
		湿度 Relative Humidity	5% ~ 95%, 非凝结状态 Non-condensing
		随机振动 Random Vibration	5~500Hz, 1Grms (HDD)operation, 5~500Hz, 2Grms (SSD)operation
		正弦振动 Sine Vibration	5~500Hz, 2G Non-operation
		机械冲击 Shock	10g 11ms operation, 30g 11ms Non-operation
		前面板防护 Ingress Protection	Front panel IP66
		认证 Certification	
		安规认证 Safety Certification	FCC/CE/CCC

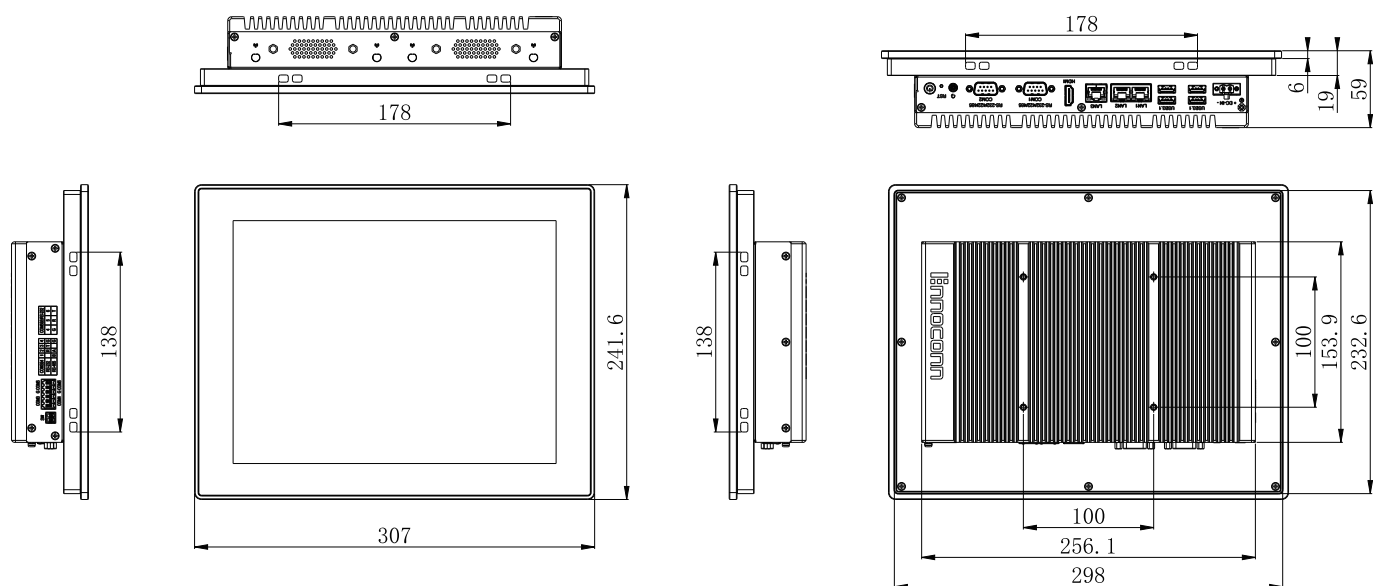
■ 配置 Configuration

型号 Model	处理器 CPU
CEP-12RS-111A	Intel® Core™ i3-1115G4 3.0G (6M Cache,up to 4.1GHz)
CEP-12RS-113A	Intel® Core™ i5-1135G7 2.4G (8M Cache,up to 4.2GHz)
CEP-12RS-116A	Intel® Core™ i7-1165G7 2.8G (12M Cache,up to 4.7GHz)
CEP-12RS-114A	Intel® Core™ i5-1145G7E 1.5G (8M Cache, up to 4.1GHz)
CEP-12PS-111A	Intel® Core™ i3-1115G4 3.0G (6M Cache,up to 4.1GHz)
CEP-12PS-116A	Intel® Core™ i7-1165G7 2.8G (12M Cache,up to 4.7GHz)
CEP-12PS-113A	Intel® Core™ i5-1135G7 2.4G (8M Cache,up to 4.2GHz)
CEP-12PS-114A	Intel® Core™ i5-1145G7E 1.5G (8M Cache, up to 4.1GHz)

■ 订购清单 Order List

标配 Standard	型号 Model	描述 Description	选配 Optional	型号 Model	描述 Description
	34046QH00-GLA-G	1x2P DC in Phoenix conn (5.00) , female		CTO-090W-HK00	Adapter, 100V-240V, 12V, 90W, 2PIN 凤凰端子头 , 1.5M, HK
	2G151DT00-HUH-G	1 x M2-2242 thermal-pad		CTO-090W-LT00	Adapter,100V-240V, 12V, 90W, 2PIN 凤凰端子头 , 1.5M, LT
	2G151DS00-HUH-G	1 x Memory thermal-pad			
	2A583SB00-G7D-G	4 x M3*4 SCREW for HDD			
	2A5868R00-G7D-G	4 x M4*8 SCREW for VESA			
	1A03DV400-88A-G	1 x panel hook(4pcs in 1 package)			
	34046QJ00-600-G	1 x Conn,3.5mm,PA,DIP-2,FIT,TEPE123-11G00-DF			

■ 尺寸 Dimension (Unit:mm)



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