POC-W213 IP54

21.5" 宽屏医用一体机 无风扇设计

特性

- 搭载Intel® 第六代处理器，无风扇、高性能
- 超薄显示屏，最宽处仅65毫米
- 21.5寸宽显示屏提供清晰画面
- 绝缘设计为为COM端口和LAN端口提供了独特的漏电保护
- 整机IP54 防水防尘等级，前面板IP65 防水防尘等级
- IEC 60601-1 Ed 3.1 认证确保最高安全水平及可靠性
- 选配：蓝牙、RFID、内建无线模块、锂电子电池组、IEEE 1394和DICOM模块
- 支持Intel® 固件可信模块 (TPM) 及 Intel® 可信平台技术(Intel® PTT)

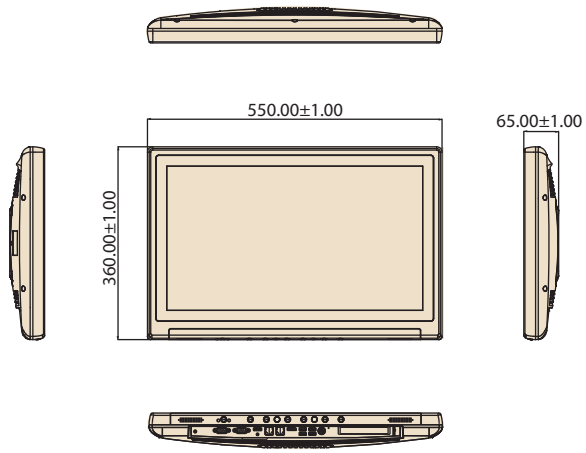
规格

嵌入式计算系统	CPU* (Supports Intel® PTT Technology)	Intel® Core™ i7-6600U Processor (4M Cache, up to 3.40 GHz) Intel® Core™ i5-6300U Processor (3M Cache, up to 3.00 GHz) Intel® Core™ i3-6100U Processor (3M Cache, 2.30 GHz) Intel® Celeron® Processor 3955U (2M Cache, 2.00 GHz)	
	内存	DDR4 1866/2133 SODIMM (up to 32GB)	
	图像采集卡	Intel HD Graphics 520/510	
	G-sensor	2g/±4g/±8g/±16g, 6D/4D orientation detection	
	操作系统 (选配)	Windows 7/Windows 8.1 Industry Pro/Windows 10 IoT	
显示屏	显示屏尺寸	21.5" wide TFT color LCD (16:9)	
	类型	IPS	
	最大分辨率	1920 x 1080 (H x V)	
	最大色彩	16.7 M colors (6-bits+A-FRC)	
	像素间距 (微米)	247.5 x 247.5	
	视角	178/178°	
	光亮度	250 cd/m²	
	背光	LED	
	LCD 平均无故障时间	30,000 Hours	
	对比率	1000 : 1	
扩接端口	Mini PCIe (mSATA)	2 (1 x full-size, 1 half-size)	
	PCIe	1 x PCIe (x4) (Max. card length: 167.65mm) (Supports Gen 1/2/3)	
I/O接口	系列端口	2 x RS-232/422/485 (1.5KV isolated) serial port	
	USB 3.0 ports	2 x USB 3.0 ports (rear)	
	USB 2.0 Ports	4 x USB 2.0 ports (rear & PCIe (x4) slot)	
	Audio	2 x speakers (2 W)	
	HDMI	1 x HDMI out, support resolution up to 4096 x 2304 @ 24Hz	
	Displayport	1 x Displayport out, support resolution up to 4096 x 2304 @ 60Hz	
	LAN	2 x Gigabit Ethernet (1.5KV isolated) interfaces (RJ-45)	
存储	SSD (默认)	128GB SSD	
	HDD/mSATA (选配)	2.5" SATA HDD instead of SSD*, Mini PCIe mSATA	
电源	DC Model	AC/DC adapter (Sinpro Model no.HPU101-107)	
	输入电压	90 ~ 260 V_{AC}, 1.35 ~ 0.5 A, 47 ~ 63 Hz	
	输出电压	+18 V_{DC}, 5.55 A max. (100 watts)	
可选功能	电池	3S1P 1750mAH, supports 0.5hr backup operation (Adding the battery will shorten available PCIe x4 slot space inserted)	
	WLAN & Bluetooth	Qualcomm Atheros Dual-band (2.4/5GHz) 802.11 a/b/g/n/ac 2Tx/2Rx WiFi & Bluetooth v4.1	
	RFID*	13.56MHz, ISO-15693, ISO-14443A, ISO-14443B	
可选触摸屏	类型	Analog Resistive (Clear & AG)	Projected Capacitive 10-points (AR)
	分辨率	Continuous	Continuous
	透光率	80±3%	90±3%
	Controller	USB interface	USB interface
	耐久性	35 million touches	Over 50 million touches
IP 等级	前面板	IP65	
	整机	IP54	
认证		UL60601-1/EN60601-1 Edition 3.1, CE & FCC Edition 4.0 Class B, and CCC certified	
环境	温度	0 ~ 40° C (32 ~ 104° F) (Operating) -20 ~ 60°C (-4~140° F) (Storage)	
	湿度	10 ~ 90% @ 40° C (Non-condensing) (Operating) 5% ~ 90% @40° C (Non-condensing) (Storage)	
	防电压冲击	20 G peak acceleration (11 ms duration)	
外观	尺寸 (W x D x H)	550 x 360 x 65 mm (21.65" x 14.17" x 2.56")	
	重量	6.9 kg (15.2 lb)	
	VESA 安装	100 x 100, 75 x 75 mm	

*为可定制化的解决方案，如有需求请洽研华业务

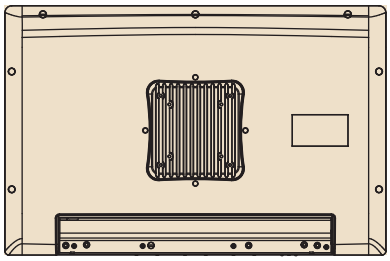
尺寸

单位: mm

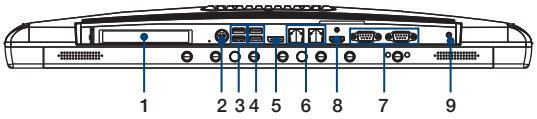


安装

单位: mm



I/O 端口

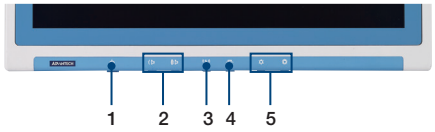


(1) PCIe(x4) 卡槽
(2) DC-IN
(3) 2 x USB 2.0 ports
(4) 2 x USB 3.0 ports
(5) Displayport
(6) 2 x 千兆以太网接口 (RJ-45)
(7) 2 x RS-232/422/485(独立) 系列端口
(8) HDMI 输出端口
(9) 等电位终端 pin

背面

整机IP54防水防尘

功能键



(1) 电源
(2) 音量 大/小
(3) 触摸屏状态控制
(4) 阅读光控制
(5) 亮度 高/低

订购信息

Part Number	CPU	DRAM	Touch Panel	SSD
POC-W213-A11D-ACE	Core i7-6600U 2.6G	4GB	P-CAP	128GB
POC-W213-B11D-ACE	Core i5-6300U 2.4G	4GB	P-CAP	128GB
POC-W213-C11D-ACE	Celeron 3955U 2.0G	4GB	P-CAP	128GB

配件

Part Number	Description
PDC-W215-STAND-H3E	PDC-W215 STAND_H3-741L type_6~12kg Black
1702002600	Power Cable (USA) 1.8 M
1702002605	Power Cable (Europe) 1.8 M
1700018704	Power Cord (UK) 1.8 M

可选模组

Part Number	Description
POC-W213-WF3E	WLAN (802.11 a/b/g/n/ac) and Bluetooth 4.1 Module
POC-W21X-BA0E	Battery Pack, 3S1P, 1750 mAh

如有RFID需求, 请联系研华业务

PCIe 模组

Part Number	Description
96SER-9PN-2P-PE-UP	UPMOST RS-232 CARD 9PIN 2PORT PCIE(G)
XAESC-1213	UPMOST UTB101 1394A EXPANSION CARD
PCIE-1602C-AE	2-port RS-232/422/485 PCIe Comm. Card w/Iso
DMS-IR06-00A1E	Dual LAN port