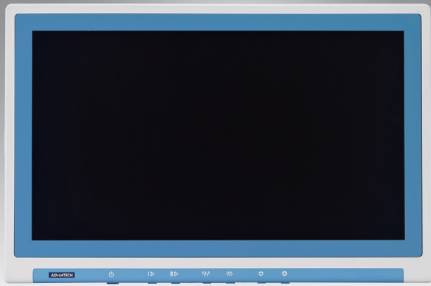


POC-WP213

21.5" Widescreen Point-of-Care Terminal with Fanless and Slim Design



Features

- Runs on an Intel® Core™ i7 6th generation processor with a fanless, high performance profile
- Ultra-thin display, only 65 mm slim at its widest point
- Capable of displaying crystal clear images on its 21.5" wide-screen display
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IP54 water resistant enclosure
- UL60601-1/IEC60601-1 compliance ensures highest levels of safety and reliability
- Optional Bluetooth, RFID, inner WLAN, IEEE 1394, and DICOM module
- Support Intel® firmware trusted platform module (TPM) with Intel® Platform Trust Technology (Intel® PTT)

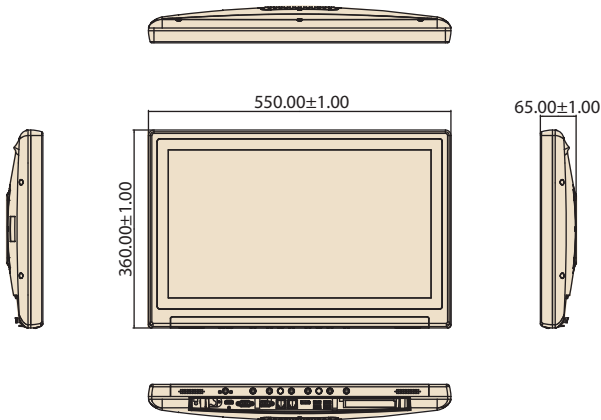


Specifications

Computing System	CPU	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)	
	Memory	DDR4 1866/2133 SODIMM (up to 32GB)	
	Graphics Controller	Intel HD Graphics 520/510	
	G-sensor	2g/±4g/±8g/±16g, 6D/4D orientation detection	
	Operating System (Optional)	Windows 7/Windows 8.1 Industry Pro/Windows 10 IoT	
Display	Display Size	21.5" wide TFT color LCD (16:9)	
	Type	IPS	
	Max. Resolution	1920 x 1080 (H x V)	
	Max. Colors	16.7 M colors (6-bits+A-FRC)	
	Pixel Pitch (um)	247.5 x 247.5	
	Viewing Angle	178/178°	
	Luminance	250 cd/m²	
	Backlight	LED	
	LCD MTBF	30,000 Hours	
Expansion Slot	Mini PCIe (mSATA)	2 (1 x full-size, 1 half-size)	
	PCIe	1 x PCIe (x4) (Max. card length: 1) without HDD/SSD: 167.65mm; 2) with HDD/SSD: 140 mm, or 167.65mm but with card width limited to 88 mm)	
I/O Ports	Serial Ports	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	2 x USB 2.0 ports (rear)	
	Audio	2 x speakers (1.5 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	
Storage	LAN	2 x Gigabit Ethernet (1.5KV isolated) interfaces (RJ-45)	
	HDD/SSD/mSATA (Optional)	2.5" SATA HDD (65° C)/SSD, mini-PCIe mSATA	
Power Supply	Input Voltage	100 - 240 V _{AC} , 47Hz to 63Hz, Maximum output power 150W	
	Output Voltage	12.0 V ± 2%, 0A to 8.30A (at convection)	
Optional Functions	WLAN	Dual-band (2.4/5GHz) 802.11a/b/g/n/ac 2Tx/2Rx WiFi	
	Bluetooth	Integrated Bluetooth v4.0	
	RFID	13.56MHz, ISO-15693, ISO-14443A, ISO-14443B	
	DICOM	DICOM pre-set	
	Battery (IPX1-version only)	3S2P 4200mAh, supports 0.5 hr backup operation (Adding the battery will prevent the PCIe card from being inserted)	
Optional Touchscreen	Type	Analog Resistive (Clear or AG) Projected Capacitive 10-points (AR or AG)	
	Resolution	Continuous	
	Light Transmission	80±3% 90±3%	
	Controller	USB interface USB interface	
	Durability	35 million touches Over 50 million touches	
IP Rating	Entire System	IPX1/IP54	
Certifications		IEC 60601-1 Edition 3.1 compliance, CE & FCC Class B Edition 4.0 certified	
	Environment	Temperature	0 - 40° C (32 - 104° F) (Operating) -20 - 60° C (-4 - 140° F) (Storage)
		Humidity	10 - 95% @ 40° C (Non-condensing) (Operating) 5% - 95% @ 40° C (Non-condensing) (Storage)
	Physical Characteristics	Shock Resistance	20 G peak acceleration (11 ms duration)
Dimensions (W x D x H)		550 x 360 x 65 mm (21.65" x 14.17" x 2.56")	
Weight		6.9 kg (15.2 lb)	
	VESA Mount	100 x 100, 75 x 75	

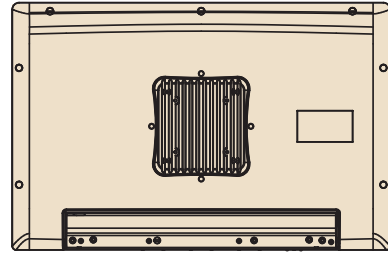
Dimensions

Unit: mm

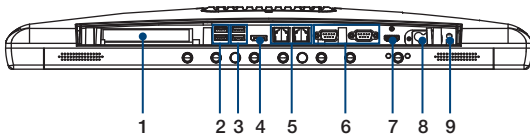


Mounting

Unit:mm



Rear I/O Ports



- (1) PCIe (x4) card slot
- (2) 2 x USB 2.0 ports
- (3) 2 x USB 3.0 ports
- (4) Displayport
- (5) 2 x Gigabit Ethernet interfaces (RJ-45)
- (6) 2 x RS-232/422/485 (isolated) serial port
- (7) HDMI out port
- (8) AC-in
- (9) Equipotential Terminal Pin

Ordering Information

Part Number	CPU	DRAM	Touch Panel	HDD
POC-WP213-A11D-ACE	i7-6600U 2.6G	4GB	P-CAP	X
POC-WP213-B11D-ACE	i5-6300U 2.4G	4GB	P-CAP	X

Accessories

Part Number	Description
1700008921	POWER CORD 3P/3P POWER SUPPLY 1.83M ARK-5280 PSE (JPN)
1700001524	Power Cord 3P UL 10A 125V 180cm (US)
170203183C	POWER Cord 3P Europe (WS-010+WS-083)183cm

Back Side



Water/Dust resistance IP54 for whole system

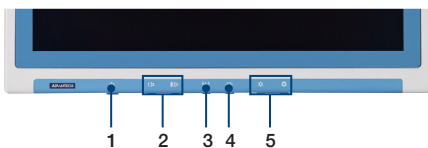
Optional Modules

Part Number	Description
POC-W21X-BW1E	Wireless (802.11a/b/g/n and Bluetooth 4.0 module)
POC-W21X-RF0E	RFID module
POC-WP21X-BTTE	Battery module
POC-W21X-DM1E	DICOM preset module

PCIe Module

Part Number	Description
96SER-9PN-2P-PE-UP	UPMOST RS-232 CARD 9PIN 2PORT PCIE(G)
96FW-400-2P-PE-UP	UPMOST 1394 FIREWIRE CARD 2 PORT PCIE(G)
PCIE-1602C-AE	2-port RS-232/422/485 PCIe Comm. Card w/Iso
DMS-IR06-00A1E	Dual LAN port
PCE-USB4-00A1E	4 USB3.0 Ports expansion card(PCIex4)

Function Keys



- (1) Power
- (2) Volume Up/Down
- (3) Touchscreen Status Control
- (4) Read Light Control
- (5) Brightness Increase/Decrease