

POC-227

Point of Care Terminal with
22" WSXGA TFT LCD

NEW



Features

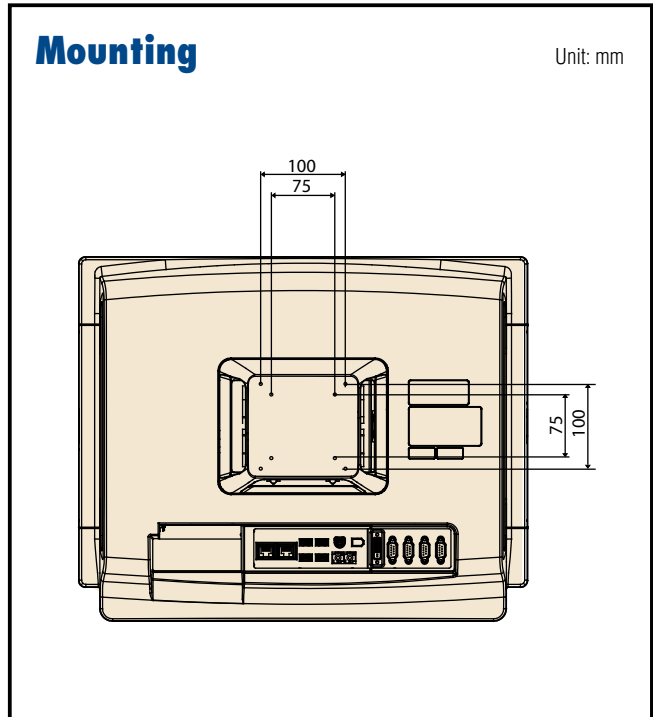
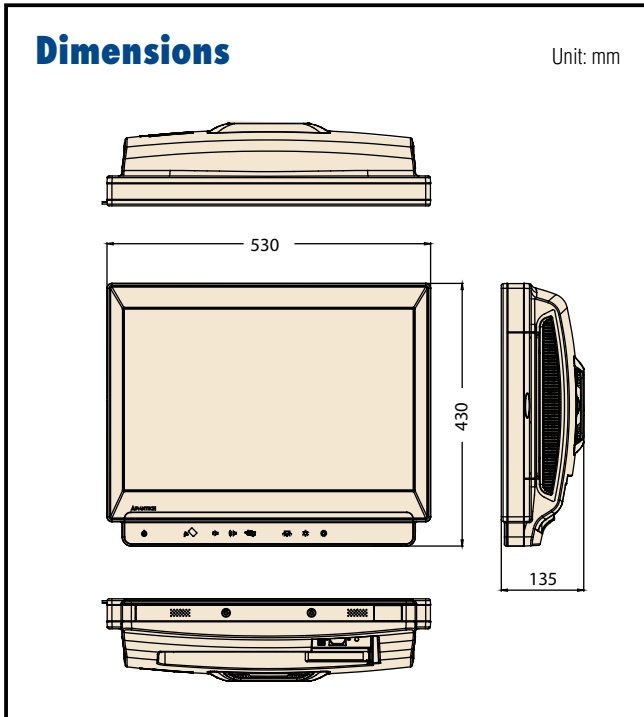
- P-MVA 22 inch WSXGA+ wide LCD display
- Built-in SAW touchscreen for high transmission quality
- Spill and dust resistant (IPx1) enclosure
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Built-in smart card reader helping verify clinician identification
- Optional MXM graphics card enhancing 3D performance 150%
- Supports Intel® AMT 4.0 Remote computer diagnosis and repair
- Optional wireless communications: IEEE 802.11b/g/n WLAN module
- Optional bluetooth, RFID, ambient light sensor, USB DOM and Blue-ray (RW)



Specifications

Computing System	Chipset	GM45/ICH9M-E Chipset
	CPU	Intel® T9400 Core™2 Duo processor, 2.53 GHz, 6M L2 (478-Pin uFCPGA) Intel® P8400 Core™2 Duo processor, 2.26 GHz, 3M L2 (478-Pin uFCPGA)-Optional Intel® Celeron® M 575 2.0 GHz 1M L2 (478-pin uFCPGA)-Optional
	Front Side Bus	1066 MHz/667 MHz (Celeron)
	Memory	Up to 8 GB DDR3 1066 MHz SDRAM <small>(See Remark)</small>
Graphics	Controller	Intel GM45 with Extreme Graphics technology
Expansion Slot	PCI	1 x mini PCI
	PCIe	1 x PCIe x4 slot
Storage	HDD	1 x 2.5" SATA
	Optical Device	1 x DVD-RW SATA; Blue-ray RW option
Identification		1 x Smart card reader
Ethernet	Interface	2 x Gigabit Ethernet (isolated) interface (RJ-45)
I/O Ports		3 x RS-232 (isolated) and 1 x RS232/422/485 (isolated) serial ports
		5 x USB 2.0 ports
		IEEE 1394a port
		1 x PS/2 mouse and K/B
		1 x DVI-I port
Speakers		1 x Mic-in, 1x headphone Line-out
		2 x 1 W speakers
Display	Display Size	22 inches wide (16:10)
	Display Mode	P-MVA, normally black
	Max. Resolution	1680 x 1050 (WSXGA+)
	Max. Colors	16.7M colors (6-bits + HiFRC)
	Dot Size (mm)	0.282 x 0.282
	Viewing Angle	178°/178°
	Luminance	300 cd/m ²
Contrast Ratio	1000 : 1	
Power Supply	AC Model	Internal ATX power supply
	Input Voltage	100/240 V _{AC} , 2/1 A max. @ 50/60 Hz
	Output Voltage	+5 V @ 14 A, +12 V @ 10 A, +3.3 V @ 12 A, +5 Vsb @ 1.5 A, -12 V @ 1 A (150 watts)
Touchscreen	Type	SAW TS: Surface Wave
	Resolution	Corresponding to touch pressure; continuous, 4096 x 4096, plus 255 levels
	Light transmission	92%
	Controller	RS-232 interface (use COM 6)
	Durability	50 million touches
Optional Touchscreen	Type	Analog Resistive
	Resolution	Continuous
	Light Transmission	80%
	Controller	RS-232 interface (use COM 6)
Certifications		CE, FCC Class B certified
		UL60601-1, EN60601-1 certified

Remark: Currently vendor support is limited to 4 GB (2G x 2); 4G x 2 is not supported yet.

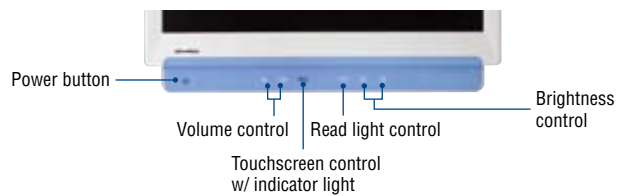
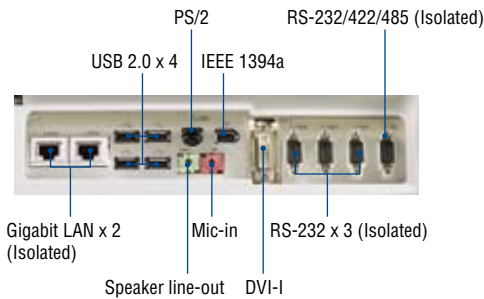


Environment	Operating Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Ingress Protection Rate	IPx1 water resistant enclosure with additional IP65 dust-tight front panel
Physical Characteristics	Dimensions (W x H x D)	530 x 430 x 135 mm
	Gross Weight	11.5 Kg

Ordering Information

Part Number	CPU	RAM	Touch Panel	MXM
POC-227-D1A-ATE	T9400 C2U 2.53G	4 GB	SAW TS	-
POC-227M-D1A-ATE	T9400 C2U 2.53G	4 GB	SAW TS	Yes

Rear I/O



Side I/O POC-227 Bezel key



Left side



Right side