POC-176

17" Point-of-Care Terminal Featuring Intel® Core™2 Duo Processor

Features

- Point-of-Care terminal for eHealthcare/Medical Applications
- 17" LCD display
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Smart card reader built-in helps verify clinician identification
- 800 MB High speed IEEE 1394b interface
- Optional 802.11 b/g/n or 802.11 a/b/g/n module

Specifications

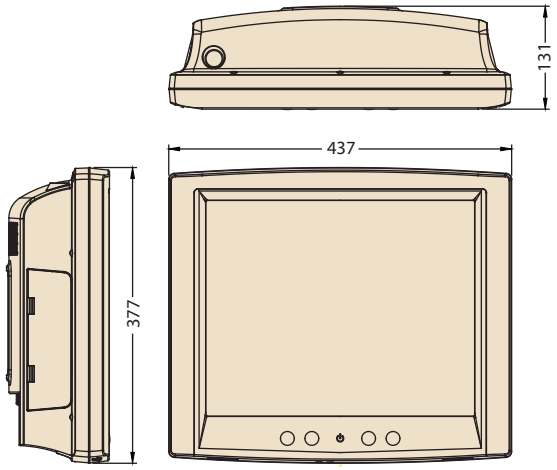
Computing System	Chipset	945GME/ ICH7M Chipset
	CPU	Intel Core 2 Duo processor T7400 (2.16 GHz 667 MHz 4 MB Unified 34 watts 1.1625 V-1.3 V 100° C 478µFC-PGA)
	Front Side Bus	667 MHz
	Memory	DDR2 533/667 Unbuffered Non ECC SODIMM sockets x 2 (max. 4 GB) * Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.
Graphics	Controller	Intel GMA 950 Graphics technology Up to 144/224MB of DVMT for graphics memory
Expansion Slot	PCI-E	1 x mini PCI-E
	PCI	1 x PCI 2.3, accepts low profile PCI Card
Storage	HDD	1 x 2.5" SATA drive
	Optical Device	1 x DVD-RW
Ethernet	Interface	2 x Gigabit Ethernet (isolated) interfaces (RJ-45)
Identification		1 x Smart card reader
I/O Ports		2 x RS-232 (isolated), 1 x RS-232, 1 x RS-232/422/485 serial port (isolated) 4 x USB 2.0 ports 1 x IEEE 1394b Port 1 x PS/2 mouse and K/B 1 x DVI-I VGA port 2 x SATA ports (internal)
Speakers		2 x 1 W speakers; 1 x MIC-in and Speaker-out
Display	Display Type	17" TFT LCD.
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Dot Size (mm)	0.264 (per triand) x 0.264
	Viewing angle	160°/160°
	Luminance	300 cd/m^2
	Contrast ratio	800 : 1
	LCD MTBF	50,000 hours
	Backlight lifetime	50,000 hours at 6.5 mA
Power Supply	AC Model	Internal ATX power supply
	Input voltage	100 ~ 240 V_{AC}, 5 ~ 3 A, @ 60 ~ 50 Hz
	Output voltage	Max, Output power : 300 W (+3.3 V & +5 V = 120 W Max) (3.3 V & +5 V & +12 V1 & +12 V2 = 281 W MAX) +3.3 V @ 16 A, +5 V @ 18 A, +12 V1 @ 16 A,+12 V2 @ 16 A, +5 Vsb @ 2.5 A, -12 V @ 0.5 A, -5 V @ 0.2 A
Optional Touchscreen	Type	Analog Resistive
	Resolution	Continuous
	Light transmission	75%
	Controller	RS-232 interface (Uses COM5)
	Durability	30 million touches
Certification		CE & FCC Class B certified
		UL60601-1, EN60601-1 approved

All product specifications are subject to change without notice.

Last updated : 10-Dec-2012

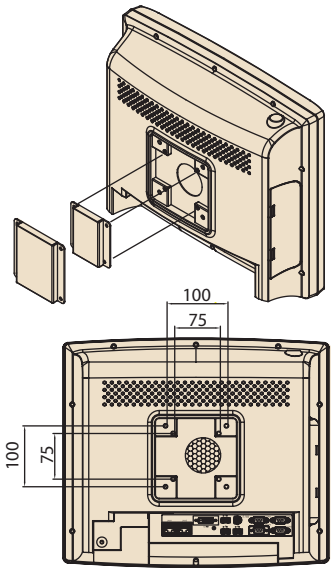
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm

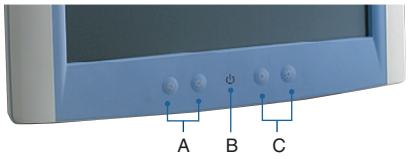
Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40 (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Water/dust Resistance	IPX1 water resistant enclosure with additional IP65 dust-tight front panel
Physical Characteristics	Dimensions (W x H x D)	437 x 377 x 131 mm (17.20" x 14.84" x 5.15")
	Weight	10.5 kg

Ordering Information

Part Number	Touch Panel	CPU	HDD	RAM
POC-176-D1A-ATE	Res. TS	T7400	-	2 GB

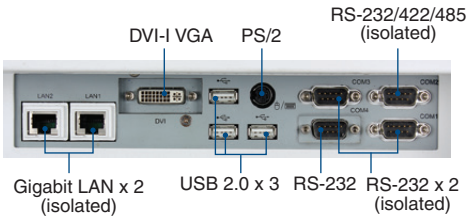
*Optional HDD will go with T Part Number. Please contact Advantech sales for more details.

Function Keys

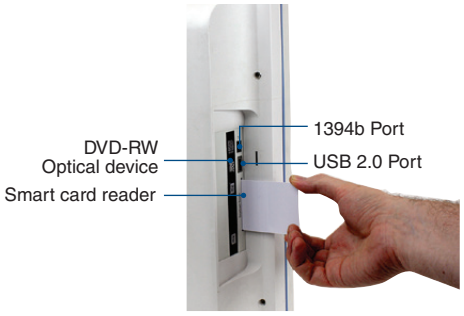


- A. Audio Control Button
- B. Power Light
- C. Brightness Control Button

Rear I/O



Side I/O



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POC-176-D1A-ATE