

# POC-C177

Slim Point-of-Care Terminal  
with 17" TFT LCD



## Features

- Intel® Atom™ (low-power) processor
- Fanless design with low audible noise
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B compliance
- Optional inner WLAN module

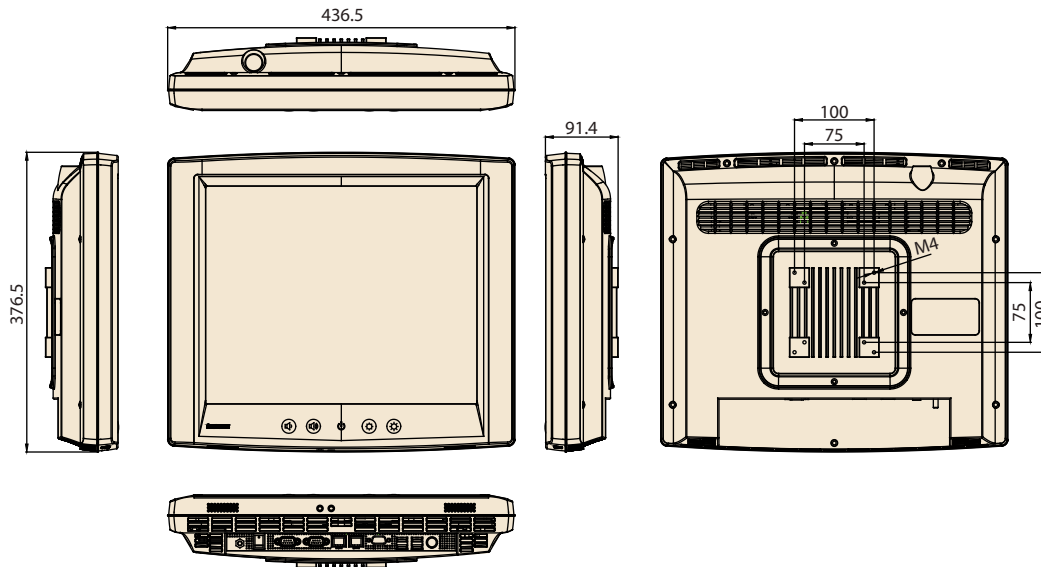


## Specifications

Computing System	Chipset	Intel 945GSE + ICH7M
	CPU	45 nm Intel Atom Processor N270: 1.6 GHz
	Front Side Bus	533 MHz
	Memory	Memory 2 x 200-pin, single channel DDR2 SODIMM slots (max. 2 GB)
Graphics	Controller	Graphics Controller Intel 945GSE GMCH integrated Graphic Media Accelerator 950
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
	Mini PCI-E	1 x Mini PCI-E slot
Storage	HDD	1 x 2.5" SATA device
Ethernet	Interface	2 x Gigabit Ethernet interfaces (RJ-45)
I/O Ports		2 isolated serial port: RS-232 x 1, RS-232/422/485 x 1
		4 USB 2.0 ports
		1 D-sub VGA port
Speakers		2 x 1 W speakers; 1 x MIC-in and 1 x Line/Headphone Out
Display	Display Type	17" TFT color LCD
	Max. Resolution	1080 x 1024
	Max. Colors	16.2M
	Dot Size (mm)	0.264 x 0.264
	Viewing Angle	160°/160°
	Luminance	300 cd/m <sup>2</sup>
	Contrast Ratio	800:1
	LCD MTBF	50,000 hours
Backlight Lifetime	50,000 hours at	
Power Supply		Universal AC/DC adapter (Sinpro Model no. HPU100-107)
	Input Voltage	100 ~ 240 V <sub>AC</sub> , 47 ~ 63 Hz, 1.25 ~ 0.5 A
	Output Voltage	+18 V <sub>DC</sub> , 5.55 A max. (100 watts)
Optional Touchscreen	Type	Analog Resistive
	Light Transmission	75%
	Controller	RS-232 interface (use COM3)
	Durability	30 million touches
Environment	Temperature	0 ~ 40° C (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	20 G peak acceleration (11 ms duration)
Physical Characteristics	Dimensions (W x D x H)	436.5 x 376.5 x 91.4 mm (17.18" x 14.82" x 3.59")
	Weight	7.1 kg
	Power Input	12-24V wide range DC power input (15 ~ 24 V with battery option)
	Cooling Fan Dimensions (L x W x H)	Fanless
	Entire System	IPX1 compliance
	Certification	CE, FCC Class B; UL60601-1, EN60601-1, CCC compliance
Mounting	VESA	75 x 75 mm; 100 x 100 mm

## Dimensions

Unit: mm



## Rear I/O



1 2 3 4 5 6 7

- |  |  |
|--|--|
| 1. 4-pin mini-DIN DC connector                 | 5. 10/100/1000 Mbps Ethernet interface (RJ-45) |
| 2. USB 2.0 Ports x 4                           | 6. Isolated RS-232/422/485 COM port (COM1)     |
| 3. D-sub VGA port                              | 7. RS-232 COM port (COM2)                      |
| 4. 10/100/1000 Mbps Ethernet interface (RJ-45) |  |

## Ordering Information

Part Number	Touch Panel	HDD 24 x 7	RAM
POC-C177-160-ATE	Res.TS	-	2G

## Packing List

Description	Quantity
AC 100W SPS HPU100-107 W/PFC 100-240	1
User manual for POC-C177 model 1st Ed	1
Advantech 2-year warranty card	1
CD-ROM for POC-S series Driver & Utility	1
China RoHs report	1

## Accessories

Part Number	Description
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11 b/g/n wireless LAN mini-PCIe module & inner antenna

\*means this accessory will go with T Part Number. Please contact Advantech sales for more details.