

# POC-173

## Point of Care Terminal with 17" TFT LCD



### Features

- Point-of-Care terminal for eHealthcare/Medical Applications
- 17" LCD display
- Spill and dust resistant
- UL60601-1/EN60601-1, CE & FCC Class B certified
- 802.11b wireless antenna and touchscreen (optional)

### Introduction

The POC-173 is a medical grade multimedia Panel Computer. This medical system is UL60601-1/EN60601-1 approved and the low current leakage power supply enables it to act an ideal and secure point-of-care solution for patients and hospital practitioners.

The POC-173 is specially designed to resist spills and water damage, and ensures dust resistance with its protected LCD, sealed ports and card slots.

### Specifications

#### General

- **Dimension (W x H x D)** 437 x 377 x 131 mm (17.20" x 14.84" x 5.15")
- **Weight** 8.5 kg (18.81 lb)
- **Power Supply**  
AC model: 80 Watts  
Input voltage: 100 ~ 250 V<sub>AC</sub>, 3 A max. @ 50 ~ 60 Hz  
Output voltage: +5 V @ 12 A, +12 V @ 1 A  
DC model: 60 Watts  
Input voltage: 24 V<sub>DC</sub>, 5 A max or 12 V<sub>DC</sub>, 7 A max  
Output voltage: +5 V @ 10 A, +12 V @ 1 A
- **Cooling Fan Dim. (L x W x H)** 60 x 60 x 10 mm (2.4" x 2.4" x 2.4")
- **Front Panel** IP65/NEMA 4 compliant

#### Standard PC Functions

- **CPU** Support socket 370 based Pentium® III/Celeron® / VIA C3 CPU
- **Memory** Support up to 512 MB SDRAM
- **HDD** One 2.5" IDE HDD
- **FDD** 1.44 MB
- **CD ROM** Slim type (Optional: CD RW / DVD ROM)
- **PCMCIA** Type II x 2
- **I/O Ports & Speakers** 4 Serial ports: RS-232 x 3, RS-232/422/485 x 1, 1 Parallel port  
2 USB ports  
1 PS/2 mouse and keyboard interface  
Micin  
Line-in  
Speaker-out  
1 W speakers x 2

- **Network (LAN)** 10/100 Base-T Ethernet interface
- **Bus Expansion** One PCI expansion slot
- **Optional** 802.11b wireless antenna with wireless LAN PCMCIA module

#### Display Specifications

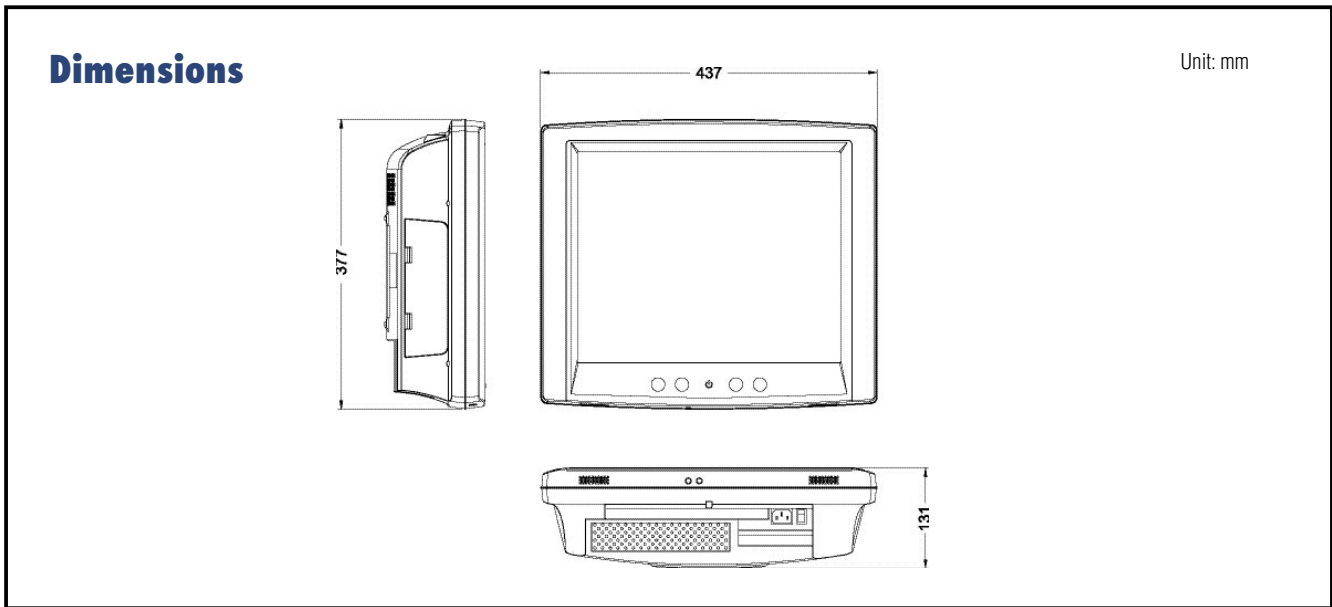
- **Display Type** 17" TFT LCD
- **Max. Resolution** 1280 x 1024
- **Colors** 256 K (6 bits/color)
- **Dot Size (mm)** 0.264 x 0.264
- **Viewing Angle** 140°
- **Luminance** 250 cd/m2
- **Contrast Ratio** 400:1
- **Backlight Lifetime** 50,000 hours

#### Environmental Specifications

- **Temperature** 0 ~ 40° C
- **Relative Humidity** 10 ~ 95% @ 40° C (non-condensing)
- **Shock** 30 G peak acceleration (11 msec duration)
- **Power MTBF** 100,000 hrs
- **Certification** CE, FCC, VCCI, BSMI approved
- **AC Model** UL60950, UL60601-1, EN60950, EN60601-1 approved
- **DC Model** FCC, UL 2601-1, EN60601-1 approved

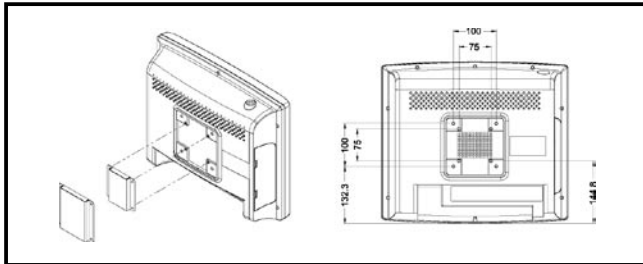
#### Touchscreen

- **Type** Analog Resistive
- **Resolution** Continuous
- **Light Transmission** 75%
- **Controller** RS-232 interface (use COM4)
- **Durability** 30 million touches



### Mounting

- VESA 75 x 75 mm, 100 x 100 mm



### Ordering Information

- **POC-173CD-AC--A** PIII/Celeron, 17" LCD Point of Care Terminal with CD ROM
- **POC-173CD-AC-AT** PIII/Celeron, 17" LCD Point of Care Terminal with CD ROM/Touchscreen
- **POC-173CR-AC-A** PIII/Celeron, 17" LCD Point of Care Terminal with CD RW
- **POC-173CR-AC-A** PIII/Celeron, 17" LCD Point of Care Terminal with CD RW/Touchscreen
- **POC-173DR-AC-A** PIII/Celeron, 17" LCD Point of Care Terminal with DVD ROM
- **POC-173DR-AC-AT** PIII/Celeron, 17" LCD Point of Care Terminal with DVD ROM/Touchscreen

### Optional Items

- 802.11b wireless antenna with PCMCIA module