

# POC-S175

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

NEW



### Features

- Point-of-Care terminal for eHealthcare/medical applications
- 17" LCD display
- Low-audible noise
- Spill and dust resistant (IPX1)
- UL60601-1/EN60601-1, CE & FCC Class B certified
- 802.11b/g WLAN module and touchscreen (optional)
- 4100mAh Li-battery pack (optional)

### Introduction

The POC-S175 is a medical grade multimedia Panel Computer. This medical system is UL60601-1/EN60601-1 approved. Low-audible noise supplies an ideal point-of-care solution for patients and hospital practitioners.

The POC-S175 is specially designed to resist spills and water damage, and ensures dust resistance with its protected LCD, sealed ports and card slots. Its 500 : 1 contrast ratio makes the POC-S175 a perfect image terminal in PACS and DICOM applications.

### Specifications

#### General

- **Dimension (W x H x D)** 436.5 x 376.5 x 83.6 mm (17.18" x 14.82" x 3.28")
- **Weight with battery** 7.2 kg (15.85 lb)
- **Power supply** Input voltage: +10.8 ~ 26.4 VDC, 2.3 A max.  
@ 24 VDC (w/o battery)
- **AC adapter** External universal AC/DC adapter  
(XPiQ Model no. PCM80PS24)  
Input voltage: 100 ~ 240 VAC, 47 ~ 63 Hz, 1.1 ~ 0.45 A  
Output voltage: +24 VDC, 3.33 A max. (80 watts)
- **Whole system** IPX1 compliant

#### Standard PC Function

- **CPU** Intel® Pentium® M processor/Celeron® M processor
- **Memory** 2 x 184-pin DIMM sockets, accepting  
DDR200/266/333 DRAM modules for up to 2 GB  
SDRAM
- **System chipset** 855GME GMCH/852GM GMCH, ICH4 with 400 MHz  
PSB
- **HDD** 1 x 2.5" IDE HDD
- **CompactFlash** 1 x type I/II
- **I/O Ports & Speakers** 1 x RS-232 and RS-232C/422/485 serial port;  
2 x USB ports; 1 x PS/2 mouse and K/B;  
1 x D-sub VGA port; 2 x 1 W speakers;  
1 x MIC-in and Speaker-out
- **Network (LAN)** 1 x 10/100Base-T Ethernet interface (RJ45)
- **Bus Expansion** 1 x MiniPCI slot, accepting type IIIA MiniPCI cards
- **Optional item** 802.11b/g wireless antenna with MiniPCI WLAN  
module  
4100 mAh Li-ion battery pack

#### Display Specifications

- **Display type** 17" TFT LCD
- **Resolution** 1280 x 1024
- **Colors** 16.2 M
- **Dot size (mm)** 0.264 x 0.264
- **Viewing angle** 140/130°
- **Luminance** 300 cd/m<sup>2</sup>
- **Contrast ratio** 500:1
- **LCD MTBF** 50,000 hours
- **Backlight lifetime** 50,000 hours

## Environmental Specifications

- **Temperature** 0 ~ 40 °C
- **Relative Humidity** 10 ~ 95% @ 40 °C (non-condensing)
- **Shock** 20 G peak acceleration (11 ms duration)
- **Power MTBF** 100,000 hours
- **Certification** CE and FCC approved
- **UL60601-1, EN60601-1 approved**

## Touchscreen

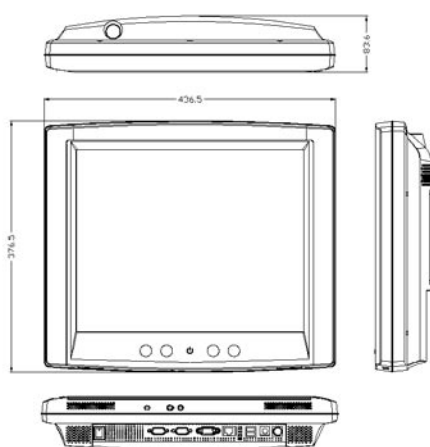
- **Type** Analog Resistive
- **Resolution** Continuous
- **Light transmission** 75%
- **Controller** RS-232 interface (uses COM4)
- **Durability** 30 million touches

## Li-ion Battery

- **Cell Type** SAMSUNG ICR 18650-22 (Total 6 cells, 3S2P)
- **Typical Capacity** 4100 mAh
- **Nominal Voltage** 11.1 Vdc
- **Supply current** 6 A (max.)
- **Weight** 290 g
- **Cycle Life** 500 cycles rated charge and rated discharge

## Dimensions

Unit: mm

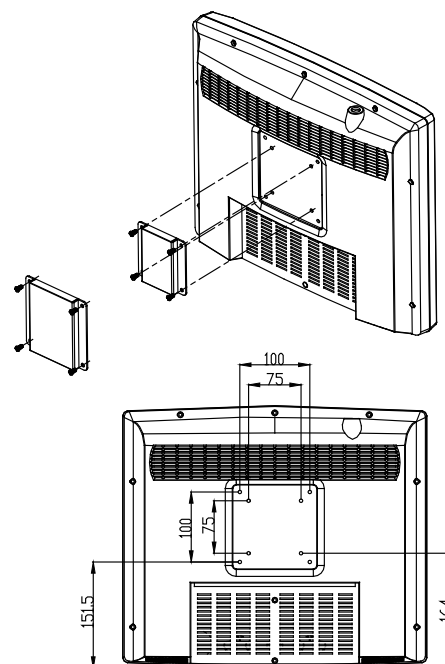


## Mounting

- **VESA** 75 x 75 mm, 100 x 100 mm

## Dimensions

Unit: mm



## Ordering Information

- **POC-S175-6L2-A** POC-S175 with Celeron M 600 MHz non -L2/ 256 MB RAM
- **POC-S175-6L2-AT** POC-S175 with Celeron M 600 MHz non -L2/ 256 MB RAM / Resistive TS
- **POC-S175-6L5-A** POC-S175 with Celeron M 600 MHz non -L2/ 512 MB RAM
- **POC-S175-6L5-AT** POC-S175 with Celeron M 600 MHz non -L2/ 512 MB RAM / Resistive TS
- **POC-S175-100-B** POC-S175 bare with Celeron M 1.0 GHz
- **POC-S175-100-BT** POC-S175 bare with Celeron M 1.0 GHz/Resistive TS
- **POC-S175-110-B** POC-S175 bare with Pentium M 1.1 GHz
- **POC-S175-110-BT** POC-S175 bare with Pentium M 1.1 GHz/Resistive TS
- **POC-S175-140-B** POC-S175 bare with Pentium M 1.4 GHz
- **POC-S175-140-BT** POC-S175 bare with Pentium M 1.4 GHz/Resistive TS