

POC-123

Point of Care Terminal with 12.1" TFT LCD



Features

- Point-of-Care terminal for eHealthcare/Medical Applications
- 300 cd/m², 150:1 (min) contrast ratio LCD for better X-Ray image quality
- Spill and dust resistant
- UL2601-1/EN60601-1, CE & FCC Class B certified
- Fanless and ultra-low power consumption
- Optional battery backup package

Introduction

The POC-123 is a medical grade multimedia Panel Computer. This medical system is UL2601-1/EN60601-1 approved. 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-123 has two power sources; an optional battery pack and AC power supply. The battery charges when the POC-123 is connected to the AC power adapter. The optional rechargeable battery pack has more than 60 minutes of battery life and can be used as an UPS function during unexpected loss of power. This smart battery indicates the charging status and percentage of remaining power. POC-123's ultra-low power consumption saves energy costs and maximizes battery life.

Specially designed to resist spills and water damage, the POC-123 ensures dust resistance with its protected LCD, sealed ports and card slots. The fanless feature avoids noise and dust. It is equipped with a high brightness 300 cd/m² LCD. Its 150:1 contrast ratio makes the POC-123 a perfect image terminal in PACS & DICOM applications.

Specifications

General

- **Dimension (W x H x D):** 345 x 275 x 80 mm (13.60" x 10.83" x 3.15 ")
- **Weight:** 4.5 kg (9.39 lb)
- **Power Supply:**
 - AC/DC power adapter**
 - Input voltage:** 90VAC~264VAC
 - Output voltage:** 24V@2.1A DC/DC converter
 - DC/DC converter**
 - Input voltage:** 18VDC~25VDC, 3.5A max
 - Output voltage:** +5 V @ 6 A, +3.3 V @ 6 A, +12V @ 2A, -12V @ 0.5A, -5V @ 0.5A, +5VSB @ 1 A
- **Front Panel:** IP65/NEMA 4 compliant

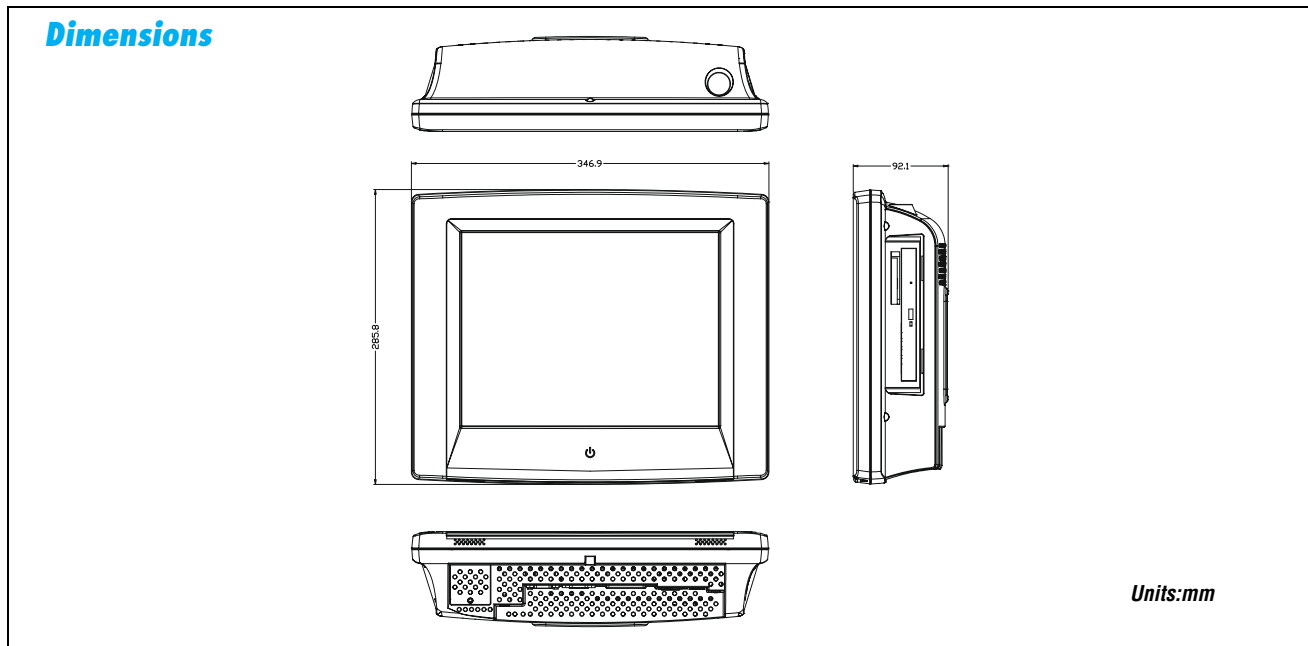
Standard PC Function

- **CPU:** Onboard VIA C3 Eden 667 MHz or above
- **Memory:** Support up to 1GB SDRAM with two 168-pin DIMM sockets
- **HDD:** One 2.5" IDE HDD
- **SSD:** One type II CompactFlash socket
- **CD ROM:** Slim type (Optional: CD RW / DVD ROM)
- **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 mini PCI expansion slot(optional)
- **Optional:** Battery backup package

Display Specifications

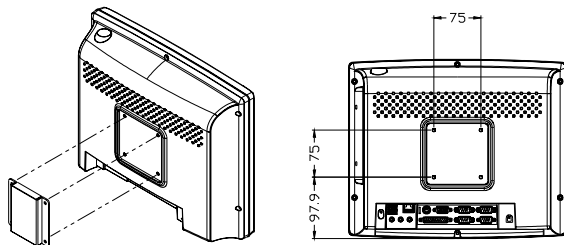
- **Display Type:** 12.1" TFT LCD
- **Max. Resolution:** 800 x 600
- **Colors:** 262 K (6 bits/color)
- **Dot Size (mm):** 0.307 x 0.307
- **Viewing Angle:** 90 degrees
- **Luminance:** 300 cd/m²
- **Contrast Ratio:** 150:1
- **Backlight Lifetime:** 50,000 hours





Mounting

- **VESA:** 75 x 75 mm



Ordering Information

- POC-123CD-DC-C:** VIA Eden, 12.1" LCD Point of Care Terminal with CD ROM
- POC-123CD-DC-CT:** VIA Eden, 12.1" LCD Point of Care Terminal with CD-ROM/Touchscreen
- POC-123CB-DC-C** VIA Eden, 12.1" LCD Point of Care Terminal with COMBO CD ROM
- POC-123CB-DC-CT** VIA Eden, 12.1" LCD Point of Care Terminal with COMBO CD ROM/Touchscreen

Optional Items

- Option:** Rechargeable Li-ion battery pack(3S2P 11.1V 4000mAh)
- POC-153 STAND:** Desktop stand for POC-123/153 series

Environmental Specifications

- **Temperature:** 0 ~ 40° C
- **Relative Humidity:** 10 ~ 95% @ 40° C (non-condensing)
- **Shock:** 10G peak acceleration (11 msec duration)
- **Power MTBF:** 100,000 hrs
- **Certification:** CE, FCC, VCCI, BSMI approved
- **Safety:** FCC, UL2601-1, EN60601-1, UL1950, EN60950 approved

Touchscreen

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