

# POC-125

## 12" Point-of-Care Terminal with Fanless Design



### Features

- 12.1" LCD display
- 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 certified
- Optional 802.11b/g WLAN module, touchscreen

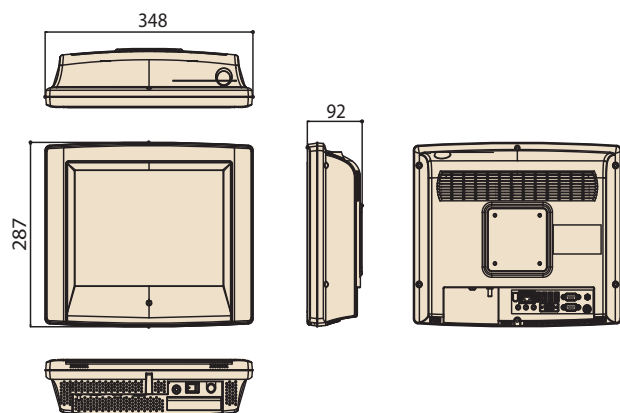


### Specifications

|                          |                        |                                                                                                                                                           |
|--------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Computing System         | Chipset                | 855GME GMCH/ICH4                                                                                                                                          |
|                          | CPU                    | Intel Celeron M processor                                                                                                                                 |
|                          | Front Side Bus         | 400 MHz                                                                                                                                                   |
|                          | Memory                 | DDR 333 SDRAM, 184 pin DIMM x 2 (max. 2 GB)                                                                                                               |
| Graphics                 | Controller             | 855GME GMCH                                                                                                                                               |
| Expansion Slot           | Mini PCI               | 1 x Mini PCI slot, supports type IIIA Mini PCI                                                                                                            |
|                          | PCI 2.2                | 1 x PCI 2.2, accepts low profile PCI Card                                                                                                                 |
| Storage                  | HDD                    | 1 x 2.5" IDE                                                                                                                                              |
|                          | CompactFlash           | 1 x Type I/II                                                                                                                                             |
| Ethernet                 | Interface              | 1 x 10/100 Mbps Ethernet (isolated) interface (isolated)                                                                                                  |
| I/O Ports                |                        | 1 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial port; 4 x USB 2.0 ports; 1 x IEEE 1394a port<br>1 x PS/2 mouse and K/B; 1 x D-sub VGA port |
| Speakers                 |                        | 2 x 1 W speakers; 1 x MIC-in and 1 x Lin-in, 1 x Line-out                                                                                                 |
| Display                  | Display type           | 12.1" TFT LCD.                                                                                                                                            |
|                          | Max. Resolution        | 800 x 600                                                                                                                                                 |
|                          | Max. Colors            | 262,144 (6 bits/color)                                                                                                                                    |
|                          | Dot size (mm)          | 0.307 x 0.307                                                                                                                                             |
|                          | Viewing angle          | 140/110°                                                                                                                                                  |
|                          | Luminance              | 400 cd/m <sup>2</sup>                                                                                                                                     |
|                          | Contrast ratio         | 500 : 1                                                                                                                                                   |
|                          | LCD MTBF               | 50,000 hours                                                                                                                                              |
| Power Supply             | Backlight lifetime     | 50,000 hours at 6.5 mA                                                                                                                                    |
|                          | Input voltage          | 10.8-26.4 Vdc, 2A max @ 24 Vdc                                                                                                                            |
|                          | AC/DC Adapter          | SINPRO Model: MPU50-108                                                                                                                                   |
|                          | Input voltage          | 100 ~ 240 V <sub>AC</sub> , 47 ~ 63 Hz, 1.35A max                                                                                                         |
| Optional Touchscreen     | Output voltage         | 24 Vdc, 2.08A max (50 watt)                                                                                                                               |
|                          | Type                   | Analog Resistive                                                                                                                                          |
|                          | Light transmission     | 75%                                                                                                                                                       |
|                          | Controller             | RS-232 interface (use COM5)                                                                                                                               |
| Environment              | Durability             | 30 million touches                                                                                                                                        |
|                          | Temperature            | 0 ~ 40° C (32 ~ 104° F) (Operating)                                                                                                                       |
|                          | Humidity               | 10 ~ 95% @ 40° C (non-condensing)                                                                                                                         |
|                          | Shock Resistance       | 30G peak acceleration (11ms duration)                                                                                                                     |
|                          | Power MTBF             | 100,000 hrs                                                                                                                                               |
| Physical Characteristics | Water/dust Resistance  | IPX1 compliant                                                                                                                                            |
|                          | Dimensions (W x H x D) | 348 x 285 x 92 mm (13.70" x 11.22" x 3.62")                                                                                                               |
|                          | Weight                 | 4.5 kg (9.92 lb)                                                                                                                                          |

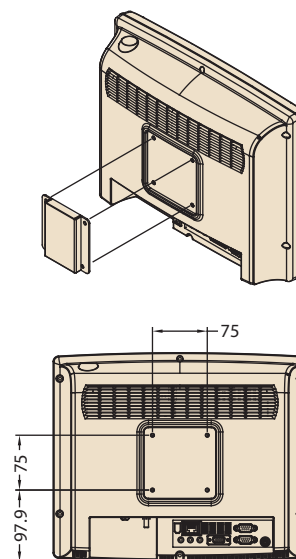
## Dimensions

Unit: mm



## Mounting

Unit: mm



VESA: 75 x 75 mm

## Ordering Information

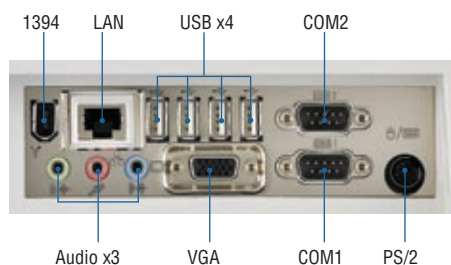
| Part Number     | Touch Panel | CPU                     | HDD 24 x 7 | RAM  |
|-----------------|-------------|-------------------------|------------|------|
| POC-125-060-AE  | -           | Intel Celeron M 600 MHz | -          | -    |
| POC-125-060-ATE | Res.TS      | Intel Celeron M 600 MHz | -          | -    |
| POC-125-100-AE  | -           | Intel Celeron M 1 GHz   | -          | -    |
| POC-125-100-ATE | Res.TS      | Intel Celeron M 1 GHz   | -          | -    |
| POC-125-CTE     | Res.TS      | Intel Celeron M 600 MHz | 80 G IDE   | 1 GB |

## Accessories

| Part Number   | Description                                               |
|---------------|-----------------------------------------------------------|
| POC-153 STAND | Stand for POC-154/POC-155/POC-125                         |
| 1702002600    | Power Cable (USA) 1.83M                                   |
| 1702002605    | Power Cable (Europe) 1.8M                                 |
| *             | 802.11b/g wireless LAN mini-PCI module & external antenna |

\* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

## Package List



## Packing List

| Part Description                    | Quantity |
|-------------------------------------|----------|
| CABLE 6P-6P PS/2 KB & MOUSE 20 cm   | 1        |
| AC 50W SPS MPU50-108 W/PFC 100-240V | 1        |
| HDD Frame PPC-V106 for 2.5" HDD     | 1        |
| CD-ROM for POC-125 Driver & Utility | 1        |
| Advantech 2-year warranty card      | 1        |