

# POC-S155

## Slim Point-of-Care Terminal with 15" TFT LCD



### Features

- 15" 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, 4400 mAh Li-ion battery pack

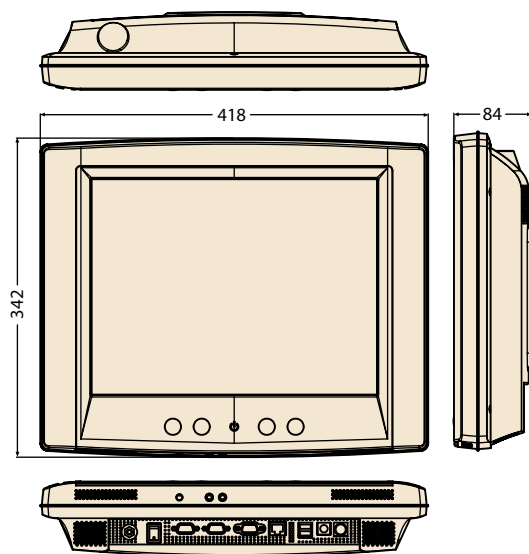


### Specifications

|                          |                        |                                                                                                  |
|--------------------------|------------------------|--------------------------------------------------------------------------------------------------|
| Computing System         | Chipset                | 855GME GMCH/ICH4 Chipset                                                                         |
|                          | CPU                    | Intel Pentium M processor ULV 1.4 GHz / Celeron M processor 1.0 GHz                              |
|                          | Front Side Bus         | 400 MHz                                                                                          |
|                          | Memory                 | 2 x 184-pin DIMM sockets, supports up to 2 GB DDR200/266/333 SDRAM                               |
| Graphics                 | Controller             | Intel 855GME integrated                                                                          |
|                          | VRAM                   | Dynamically shared system memory up to 64 MB                                                     |
| Expansion Slot           | Mini PCI               | 1 x Mini PCI slot, supports type IIIA Mini PCI                                                   |
| Storage                  | HDD                    | 1 x 2.5" IDE                                                                                     |
|                          | CompactFlash           | 1 x Type I/II x 1                                                                                |
| Ethernet                 | Interface              | 1 x 10/100 Mbps Ethernet interface (RJ-45)                                                       |
| I/O Ports                |                        | 1 x RS-232 and 1 x RS-232/422/485 (isolated) serial port; 2 x USB ports; 1 x PS/2 mouse and K/B; |
| Speakers                 |                        | 1 x D-sub VGA port                                                                               |
| Display                  |                        | 2 x 1 W speakers; 1 x MIC-in and Speaker-out                                                     |
|                          | Display Type           | 15" TFT color LCD                                                                                |
|                          | Max. Resolution        | 1024 x 768                                                                                       |
|                          | Max. Colors            | 262K (6 bits/color)                                                                              |
|                          | Dot Size (mm)          | 0.297 x 0.297                                                                                    |
|                          | Viewing Angle          | 120°                                                                                             |
|                          | Luminance              | 350 cd/m <sup>2</sup>                                                                            |
|                          | Contrast Ratio         | 500:1                                                                                            |
| Optional Touchscreen     | LCD MTBF               | 50,000 hours                                                                                     |
|                          | Backlight Lifetime     | 50,000 hours at 6.5 mA                                                                           |
|                          | Type                   | Analog Resistive                                                                                 |
|                          | Light Transmission     | 75%                                                                                              |
| Power Supply             | Controller             | RS-232 interface (use COM4)                                                                      |
|                          | Durability             | 30 million touches                                                                               |
|                          |                        | External universal AC/DC Adapter (SINPRO Model No. MPU50-108)                                    |
| Environment              | Input Voltage          | 100 ~ 240 V AC, 47 ~ 63 Hz, 1.35 A max.                                                          |
|                          | Output Voltage         | 24 V DC, 2.08 A max. (50 watt)                                                                   |
|                          | Temperature            | 0 ~ 40° C                                                                                        |
|                          | Humidity               | 10 ~ 95% @ 40° C (non-condensing)                                                                |
| Physical Characteristics | Shock Resistance       | 20 G peak acceleration (11ms duration)                                                           |
|                          | Water/dust Resistance  | IPX1 for whole system                                                                            |
|                          | Dimensions (W x H x D) | 418 x 342 x 84 mm (16.46" x 13.46" x 3.4")                                                       |
|                          | Weight (with battery)  | 6 kg (13.23 lb)                                                                                  |
|                          | Power Supply           | Input: 10.8 ~ 26.4 V DC, 1.5 A max. @ 24 V DC. (w/o battery)                                     |

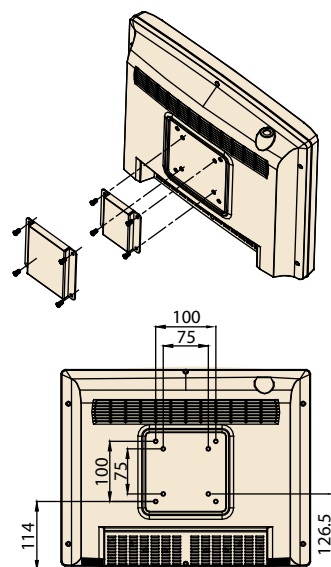
## Dimensions

Unit: mm



## Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm



1 2 3 4 5 6 7

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

## Accessories

| Part Number | Description                                                  |
|-------------|--------------------------------------------------------------|
| 1760000372  | 4400 mAh Li-ion battery pack                                 |
| 1702002600  | Power Cable (USA) 1.83M                                      |
| 1702002605  | Power Cable (Europe) 1.8M                                    |
| *           | 802.11 b/g/n wireless LAN mini-PCI module & external antenna |

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

## Ordering Information

| Part Number      | Touch Panel | HDD 24 x 7 | RAM |
|------------------|-------------|------------|-----|
| POC-S155-140-BTE | Res.TS      | -          | -   |
| POC-S155-140-BE  | -           | -          | -   |
| POC-S155-100-BTE | Res.TS      | -          | -   |
| POC-S155-100-BE  | -           | -          | -   |
| POC-S155-PTE     | Res.TS      | 80 G IDE   | 1 G |

## Packing List

| Description                               | Quantity |
|-------------------------------------------|----------|
| PS/2 keyboard & mouse splitter cable      | 1        |
| Startup manual                            | 1        |
| M4 x 20 screw set for VESA mounting       | 4        |
| AC 50W SPS MPU50-108 W/PFC 100-240V       | 1        |
| CD-ROM for POC-S155 Driver & Utility V1.0 | 1        |
| HDD Frame                                 | 1        |
| 2.5" HDD mounting bracket                 | 1        |
| Fix bracket for HDD mounting bracket      | 2        |
| Rubber Cushion for HDD anti-vibration     | 8        |
| M3 x 4 screw set to mount HDD bracket     | 8        |
| Advantech 2-year warranty card            | 1        |