

# POC-S177

## Slim Point of Care Terminal with GS45 platform



### Features

- Intel® Core™2 Duo (low-power) processor
- Fanless design with low audible noise
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional inner WLAN module

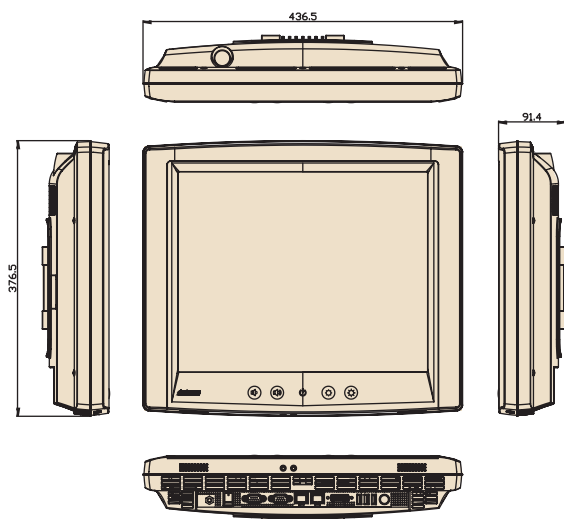


### Specifications

|                          |                                    |                                                                            |
|--------------------------|------------------------------------|----------------------------------------------------------------------------|
| Computing System         | Chipset                            | Intel GS45 Express Chipset with 82801IUX I/O Controller Hub (ICH9M-SFF)    |
|                          | CPU                                | Intel Core 2 Duo processor SU9300 (3M Cache, 1.2 GHz, 800 MHz FSB) uFCBGA8 |
|                          | Front Side Bus                     | 800 MHz                                                                    |
|                          | Memory                             | 204-pin, DDR3, SODIMM slots x 2 (max. 4 GB), Unbuffered Non ECC            |
| Graphics                 | Controller                         | Graphics Controller Intel GS45 integrated                                  |
| Expansion Slot           | Mini PCI                           | 1 x Mini PCI slot, supports type IIIA Mini PCI                             |
|                          | Mini PCI-E                         | 1 x Mini PCI-E slot                                                        |
| Storage                  | HDD                                | 1 x 2.5" SATA device                                                       |
| Ethernet                 | Interface                          | 2 x Gigabit Ethernet interfaces (RJ-45)                                    |
| I/O Ports                |                                    | 2 isolated serial ports: RS-232 x 1, RS-232/422/485 x 1                    |
|                          |                                    | 3 USB 2.0 ports                                                            |
|                          |                                    | MIC-in, Line-out                                                           |
|                          |                                    | 1 DVI-I video port                                                         |
| Speakers                 |                                    | 2 x 1 W speakers; 1 x MIC-in and 1 x Line/Headphone Out                    |
| Display                  | Display Type                       | 17" TFT LCD                                                                |
|                          | Max. Resolution                    | 1280 x 1024                                                                |
|                          | Max. Colors                        | 16.2 M                                                                     |
|                          | Dot Size (mm)                      | 0.264 x 0.264                                                              |
|                          | Viewing Angle                      | 160°/160°                                                                  |
|                          | Luminance                          | 300 cd/m <sup>2</sup>                                                      |
|                          | Contrast Ratio                     | 800:1                                                                      |
|                          | LCD MTBF                           | 50,000 hours                                                               |
| Power Supply             | Backlight Lifetime                 | 50,000 hours                                                               |
|                          |                                    | Universal AC/DC adapter (Sinpro Model no. HPU100-107)                      |
|                          | Input Voltage                      | 100 ~ 240 V <sub>AC</sub> , 47 ~ 63 Hz, 1.25 ~ 0.5 A                       |
| Optional Touchscreen     | Output Voltage                     | +18 V <sub>DC</sub> , 5.55 A max. (100 watts)                              |
|                          | Type                               | Analog Resistive                                                           |
|                          | Light Transmission                 | 75%                                                                        |
|                          | Controller                         | RS-232 interface (use COM6)                                                |
| Environment              | Durability                         | 30 million touches                                                         |
|                          | Temperature                        | 0 ~ 40° C (Operating)                                                      |
|                          | Humidity                           | 10 ~ 95% @ 40° C (non-condensing)                                          |
|                          | Shock Resistance                   | 20 G peak acceleration (11 ms duration)                                    |
| Physical Characteristics | Dimension (W x D x H)              | 436.5 x 376.5 x 91.4 mm (17.18" x 14.82" x 3.59")                          |
|                          | Weight                             | 7.1 kg                                                                     |
|                          | Power input                        | 12-24V wide range DC power input (15 ~ 24 V with battery option)           |
|                          | Cooling Fan Dimensions (L x W x H) | fanless                                                                    |
|                          | Entire System                      | IPX1 compliant                                                             |
|                          | Certification                      | CE, FCC Class B certified; UL60601-1, EN60601-1, CCC approved              |
|                          | Mounting                           | VESA                                                                       |
|                          |                                    | 75 x 75 mm; 100 x 100 mm                                                   |

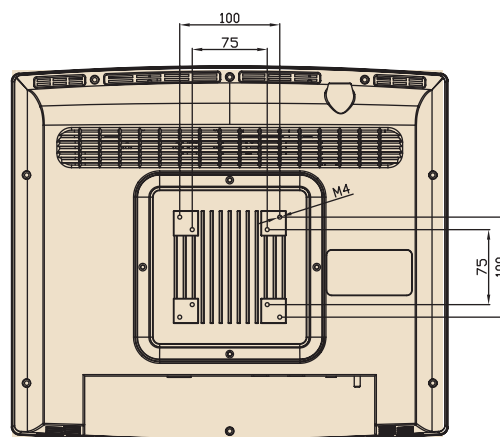
## Dimensions

Unit: mm

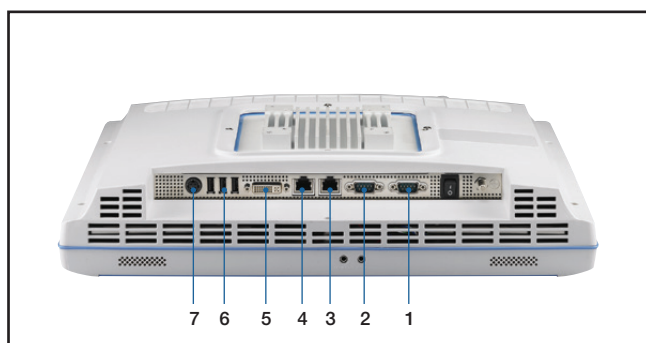


## Mounting

Unit: mm



## Rear I/O



1. Isolated RS-232/422/485 COM port (COM1)
2. Isolated RS-232 COM port (COM2)
3. 10/100/1000 Mbps Ethernet interface (RJ-45)
4. 10/100/1000 Mbps Ethernet interface (RJ-45)
5. DVI-I port
6. USB 2.0 Ports x 3
7. 4-pin mini-DIN DC connector

## Ordering Information

| Part Number      | Touch Panel | HDD 24 x 7 | RAM |
|------------------|-------------|------------|-----|
| POC-S177-120-ATE | Res.TS      | -          | 2G  |

## Packing List

| Description                              | Quantity |
|------------------------------------------|----------|
| AC 100W SPS HPU100-107 W/PFC 100-240     | 1        |
| User manual for POC-S177 model 1st Ed    | 1        |
| Advantech 2-year warranty card           | 1        |
| CD-ROM for POC-S series Driver & Utility | 1        |
| China RoHS report                        | 1        |

## Accessories

| Part Number | Description                                                |
|-------------|------------------------------------------------------------|
| 1702002600  | Power Cable (USA) 1.83M                                    |
| 1702002605  | Power Cable (Europe) 1.8M                                  |
| *           | 802.11 b/g/n wireless LAN mini-PCIe module & inner antenna |

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