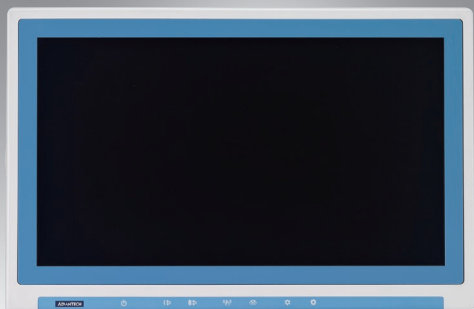


# POC-W211

## 21.5" Widescreen Point-of-Care Terminal with Fanless and Slim Design



### Features

- Runs on an Intel® Core™ i7 processor with a fanless, high performance profile
- Ultra-thin display, only 65 mm slim at its widest point
- Capable of displaying crystal clear images on its 21.5" wide-screen display
- 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 third edition certified ensures highest levels of safety and reliability
- Optional Bluetooth, RFID, Blu-ray RW, inner WLAN module, and Li-ion battery pack

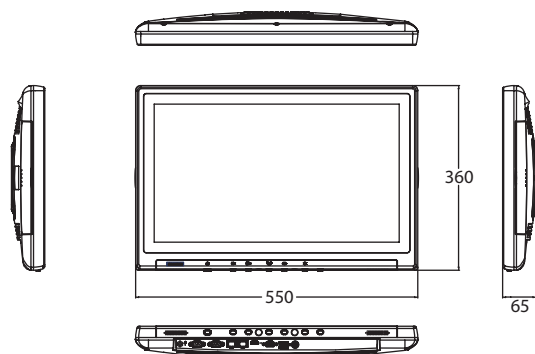


### Specifications

|                          |                        |                                                                                                                          |                                    |
|--------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Computing System         | Chipset                | Intel® QM67                                                                                                              |                                    |
|                          | CPU                    | Intel® Core™ i7 2655LE Processor (4 M Smart Cache, 2.2GHz)<br>Intel® Core™ i3 2340UE Processor (3 M Smart Cache, 1.3GHz) |                                    |
|                          | Memory                 | Up to 16GB DDR3 1333MHz SDRAM (optional)                                                                                 |                                    |
|                          | Graphics Controller    | Integrated Intel HD Graphic                                                                                              |                                    |
|                          | Operating System       | XPP, Win 7, WES7P, XPE                                                                                                   |                                    |
| Display                  | Display Size           | 21.5" wide TFT color LCD (16:9)                                                                                          |                                    |
|                          | Type                   | IPS                                                                                                                      |                                    |
|                          | Max. Resolution        | 1920 x 1080 (H x V)                                                                                                      |                                    |
|                          | Max. Colors            | 16.7M colors (RGB 8-bits)                                                                                                |                                    |
|                          | Pixel Pitch (um)       | 24.8 x 24.8                                                                                                              |                                    |
|                          | Viewing Angle          | 178°/178°                                                                                                                |                                    |
|                          | Luminance              | 250 cd/m²                                                                                                                |                                    |
|                          | Backlight              | LED                                                                                                                      |                                    |
|                          | LCD MTBF               | 30,000 Hours                                                                                                             |                                    |
| Expansion Slot           | Mini PCIe              | 1                                                                                                                        |                                    |
|                          | PCIe                   | 1 x PCIe (x1) slot                                                                                                       |                                    |
| I/O Ports                | Serial Ports           | 1 x RS-232/422/485 (isolated)<br>1 x RS-232 (isolated)                                                                   |                                    |
|                          | USB 2.0 Ports          | 6                                                                                                                        |                                    |
|                          | VGA/DVI Port           | 1 x VGA                                                                                                                  |                                    |
|                          | Speakers (1W)          | 2                                                                                                                        |                                    |
|                          | LAN                    | 2 x Gigabit Ethernet (isolated) interfaces (RJ-45)                                                                       |                                    |
|                          | HDMI                   | 1 x HDMI out                                                                                                             |                                    |
| Storage                  | HDD                    | 1 x 2.5" SATA                                                                                                            |                                    |
| Power Supply             | DC Model               | AC/DC adapter (Sinpro Model no.HPU101-107)                                                                               |                                    |
|                          | Input Voltage          | 90 ~ 260 V <sub>ac</sub> , 1.35 ~ 0.5 A, 47 ~ 63 Hz                                                                      |                                    |
|                          | Output Voltage         | +18 V <sub>DC</sub> , 5.55 A max. (100 watts)                                                                            |                                    |
| Optional Functions       | Battery                | 3S2P 4200mAh, supports 0.5 hr backup operation<br>Adding the battery will prevent the PCIe card from being inserted      |                                    |
|                          | Smart Card Reader      | Complies with ISO7816-1,2,3,T=1 and T=0 protocol                                                                         |                                    |
|                          | WLAN                   | Integrated wireless 802.11 a/b/g/n connection & internal antenna                                                         |                                    |
|                          | RFID                   | 13.56 MHz with ISO-15693 & ISO-14443A/B and active tag function                                                          |                                    |
|                          | Bluetooth              | Integrated Bluetooth v2.0 + EDR                                                                                          |                                    |
| Optional Touchscreen     | Optical Devices        | DVD-RW SATA , Blu-ray RW option                                                                                          |                                    |
|                          | Type                   | Analog Resistive (Clear & AG)                                                                                            | Projected Capacitive 2-points (AR) |
|                          | Resolution             | Continuous                                                                                                               | Continuous                         |
|                          | Light Transmission     | 80±3%                                                                                                                    | 90±3%                              |
|                          | Controller             | COM interface                                                                                                            | USB interface                      |
| IP Rating                | Durability             | 35 million touches                                                                                                       | Over 50 million touches            |
|                          | Front Panel            | IP65                                                                                                                     |                                    |
| Certifications           | Entire System          | IPX1                                                                                                                     |                                    |
|                          |                        | UL60601-1/EN60601-1, CE & FCC Class B certified, CCC                                                                     |                                    |
| Environment              | Temperature            | Operating: 0° C ~ +40° C,<br>Storage: -20° C ~ +60° C                                                                    |                                    |
|                          | Humidity               | 10 ~ 95% @ 40° C (Non-condensing)                                                                                        |                                    |
|                          | Shock Resistance       | 20 G peak acceleration (11 ms duration)                                                                                  |                                    |
| Physical Characteristics | Dimensions (W x D x H) | 550 x 360 x 65 mm (21.65" x 14.17" x 2.56")                                                                              |                                    |
|                          | Weight                 | 6.9 kg (15.2 lb)                                                                                                         |                                    |

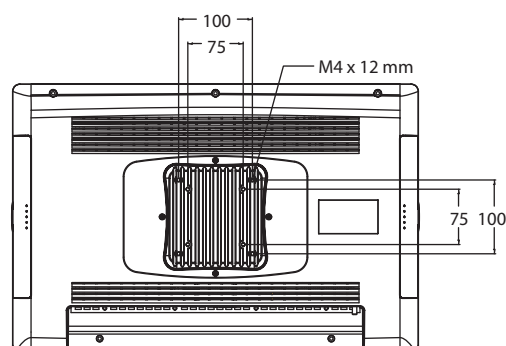
## Dimensions

Unit: mm

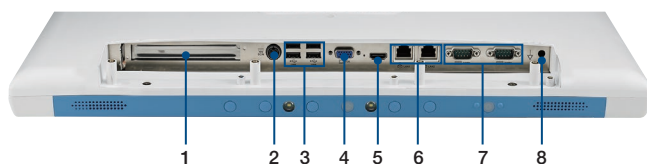


## Mounting

Unit: mm



## Rear I/O Ports



- (1) PCIe card slot
- (2) Power DC-IN
- (3) 2 x USB 2.0 ports
- (3-1) 2 x USB 3.0 ports
- (4) VGA port
- (5) HDMI out port
- (6) 2 x Gigabit Ethernet interfaces (RJ-45)
- (7) 1 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial port
- (8) Equipotential Terminal Pin

## Function Keys

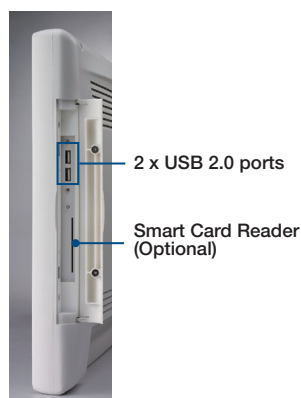


- (1) Power
- (2) Volume Up/Down
- (3) Touchscreen Status Control
- (4) Read Light Control
- (5) Brightness Increase/Decrease

## Left Side I/O



## Right Side I/O



## Ordering Information

| Part Number       | Description                            |
|-------------------|----------------------------------------|
| POC-W211-A01D-ATE | Core i7 2.2G/4G RAM/RES. TS/AG Type    |
| POC-W211-A01D-ALE | Core i7 2.2G/4G RAM/RES. TS/Clear Type |
| POC-W211-A01D-ACE | Core i7 2.2G/4G RAM/PCAP TS/AR Type    |
| POC-W211-B01D-ATE | Core i3 1.3G/4G RAM/RES. TS/AG Type    |

## Accessories

| Part Number        | Description                              |
|--------------------|------------------------------------------|
| PDC-W215-STAND-H3E | PDC-W215 STAND_H3-741L type_6~12kg Black |
| 1702002600         | Power Cable (USA) 1.8 M                  |
| 1702002605         | Power Cable (Europe) 1.8 M               |

## Optional Modules

| Part Number   | Description                                               |
|---------------|-----------------------------------------------------------|
| POC-W21X-BTTE | Battery module (4200mAh Li-ion battery) for POC-W211/W212 |
| POC-W211-RF0E | RFID module for POC-W211                                  |
| POC-W21X-BT0E | Bluetooth module for POC-W211/W212                        |
| POC-W211-WF0E | Wireless module (802.11a/b/g/n) for POC-W211              |
| POC-W21X-SC0E | Smart Card module for POC-W211/W212                       |
| POC-W211-RW0E | DVD+/-RW module (LG SLIM 8X SATA) for POC-W211            |