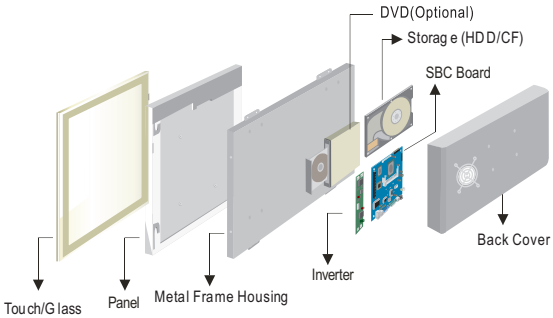
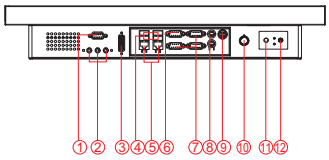
# W22IC7T-OFA3 21.5" Panel PC (Intel® Core™ i7-620M/i5-520M)

## Mechanical Design

**Open Frame**




**Modularized Construction**

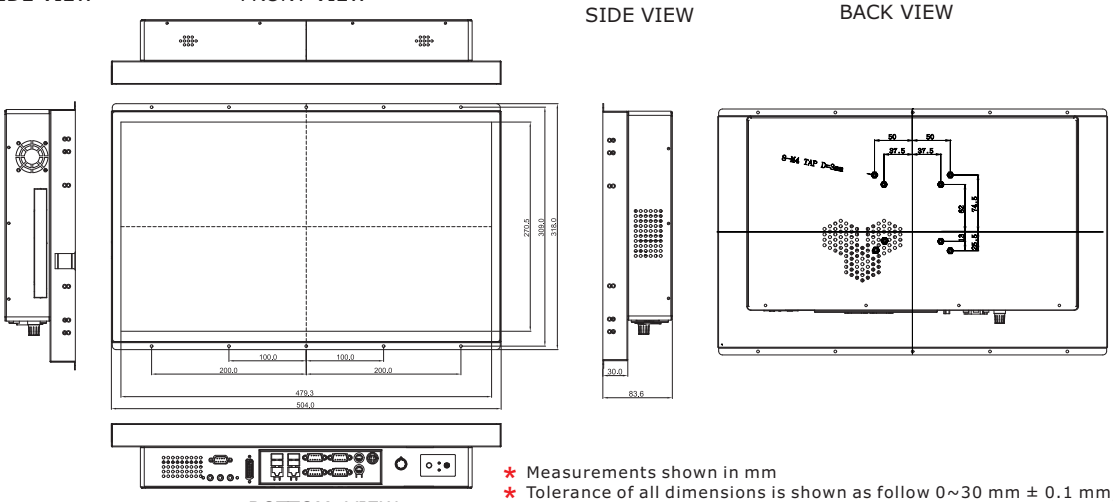



1. RS-232(Optional)
2. Audio Jack
3. DVI (Optional)
4. USB
5. RJ-45
6. VGA
7. RS-232
8. PS/2
9. 12V DC IN Power Jack
10. Brightness Adjustment Knob
11. Power On Button
12. Power Reset Button

**Fully Integrated I/O**

**Dimensions**

SIDE VIEW FRONT VIEW SIDE VIEW BACK VIEW




BOTTOM VIEW

* Measurements shown in mm
* Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

## Specifications

### System :

- CPU : Intel® Core™ i7-620M/i5-520M Processor (2.66GHz / 2.4GHz)
- Memory : 2 x SO-DIMM, Max 8GB DDR3 1066/800
- System Chipset : Intel® HM55 Chipset
- Storage : 2 x SATA II
- LAN : Dual Broadcom BCM57780 GbE
- Audio Codec : Realtek ALC888 HD Audio Codec

### Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232 (Default) / 422 / 485
- USB Ports : 4 x USB
- Keyboard / Mouse : 2 x PS/2
- Ethernet : 2 x RJ 45 Gbit
- VGA : 1 x VGA (female)
- Audio : Line-Out, Line-In, Mic in

### Expansion Slot :

- 1 x PCI-E(x16), 2 x Mini PCI-E

### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 150W (typ.)(Max.backlight & high CPU load)

### Accessories :

- External Adapter : 110~240V Ac-in power adapter

### Panel Spec :

- Size/Type : 21.5 " TFT
- Resolutions : 1920 x 1080
- Brightness : 250 (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angles : -89~89 (H) ; -89~89 (V)
- Max Colors : 16.7M (8bits/color)

### Environment Considerations :

- Operating Temperature : 0˚C to 50˚C
- Operating Humidity : 30% to 90% (non condensing)

### OS BSP / Driver Support :

- Support Windows 7 / Windows XP Embedded / Windows XP Pro Embedded / Linux

### Order Options :

Mechanical : Open Frame
Panel Mount(5mm bezel)
IP65(10mm bezel)
Touch : 5-Wires Resistive(Optional)
Anti-Reflective Protective Glass
(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)

CPU : Check with Sales
RAM : SO-DIMM DDR3 1066/800
Storage : 3.5" HDD/SSD/CF
DVD : Optional

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Note: All Specifications are subject to change without prior notice!

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