

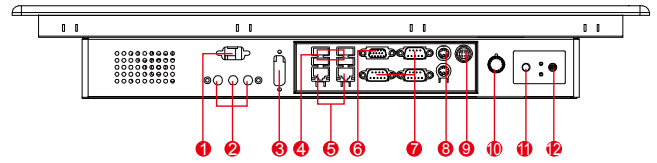
W22ID7T- PPA3 21.5" P-CAP Panel PC (Intel® Atom D2550+NM10 Platform)

Mechanical Design



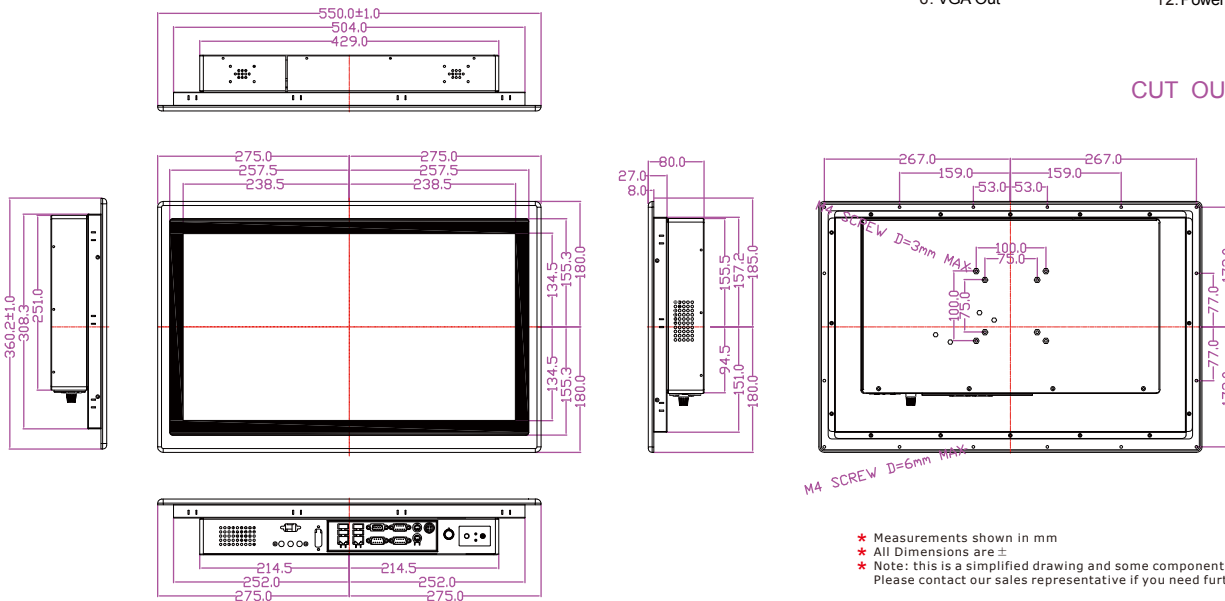
**Real Flat Panel Mount
(IP65 front side)**

Fully Integrated I/O



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

CUT OUT: 507*312 mm



- * Measurements shown in mm
- * All Dimensions are ±
- * 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® Atom D2550 1.86GHz Processor
- Memory Slot : DDR3 1066 MHz SO-DIMM Slot (Default 2GB, Max to 4GB)
- System Chipset : NM10
- Storage : 32GB mSATA SSD (Default)
- LAN : Dual Broadcom BCM57780 GbE controller
- Audio Codec : Realtek ALC886 HD Audio Codec

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
 - USB Ports : 4 x USB Type-A Receptacle
 - Keyboard / Mouse : 2 x PS/2
 - Ethernet : 2 x RJ 45-10/100/1000 Mbps
 - VGA : 1 x VGA (female)
 - Audio : Line-Out, Line-In, Mic in
- Default setting:RS232

Expansion Slot :

- 2 x Mini PCIe, 1 x PCI
- * A customized housing is needed if you would like to have the PCI expansion.

Panel Spec :

- Size/Type : 21.5" TFT
- Resolutions : 1920x1080
- Brightness : 250 (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angle : 170 (H); 160 (V)
- Max. Colors : 16.7M (8bits/color)
- Touch Screen : Projective Capacitive multi-touch

Environment Considerations :

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

OS BSP / Driver Support :

- Support Windows 7 Embedded Std. 7 - WS7P

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 60W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Adapter : 110~230V Ac-in Power Adapter



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