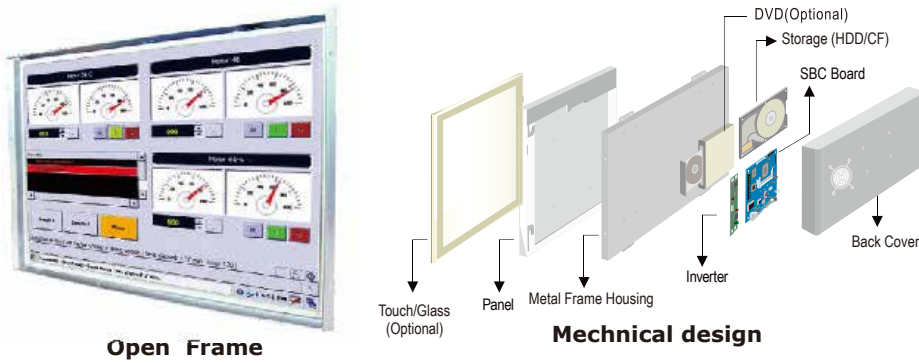


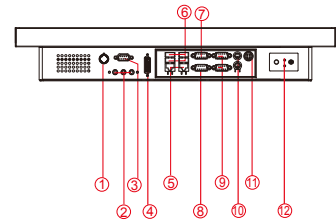
W22IB7T- OFA3 21.5" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

Mechanical Design



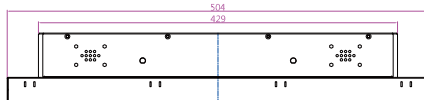
Open Frame

Mechanical design



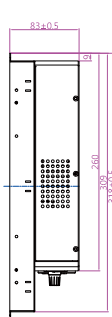
1. Brightness Adjustment Knob
 2. Audio Jack
 3. RS-232(Optional)
 4. DVI
 5. RJ-45
 6. USB(1 x 3.0, 3 x 2.0)
 7. VGA
 8. RS-232/422/485 Conn
 9. RS-232
 10. PS/2
 11. 12V DC IN
 12. Power On/Reset Button
- Fully Integrated I/O**

FRONT VIEW

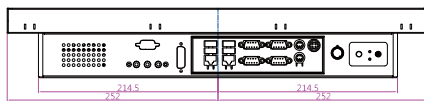
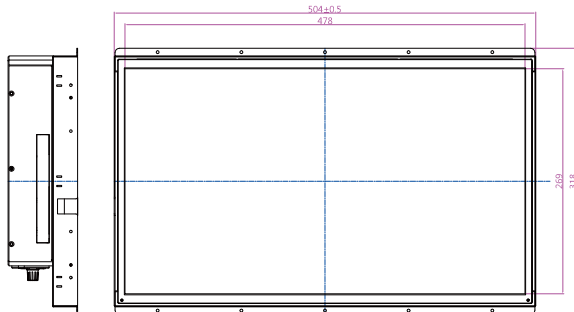
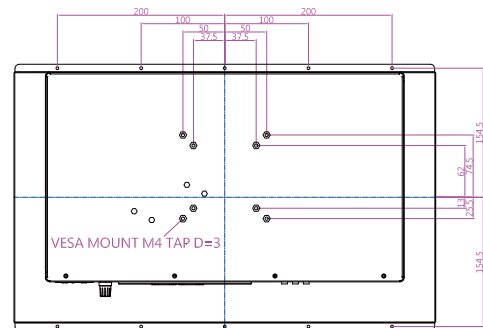


Dimensions

SIDE VIEW



BACK VIEW



BOTTOM VIEW

- * Measurements shown in mm
- * All Dimensions are ± 0.5 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® Celeron® Bay Trial-M N2930 1.83GHz
- Memory Slot : SODIMM DDR3L1600/1333max.8G
- System Chipset : Intel® Atom SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel® I210-AT GbE LAN x 2
- Audio Codec : Realtek ALC888 HD Audio Codec

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
- USB Ports : 1 x USB 3.0, 3 x USB 2.0
- 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 for WiFi, 1 for 3G Module)
- 1 x eDP by 2x10 DF-13 connector

Power Specifications :

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

Accessories :

- External Adapter : 110~240V Ac-in Power Adapter

Panel Spec :

- Size/Type : 21.5" TFT
- Resolutions : 1920x1080
- Brightness : 250 (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angle : -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 10 IoT Enterprise / Windows Embedded 8 / Windows Embedded 7

Security Support

- Trusted Platform Module (TPM 1.2)

Order Options :

- | | |
|---|--|
| Mechanical : Open Frame Panel Mount(5 mm bezel) IP65(10 mm bezel) | Storage : 2.5" HDD / mSATA SSD RAM : SODIMMDDR3L 1600/1333max.8G |
| Touch : 5 Wires Resistive(Optional) AR Glass(Optional) | |
| (A customized housing is needed if you have demands of SAW/IR/SC touch) | |

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

Revised date: 13-Jul-2017 V1.6

