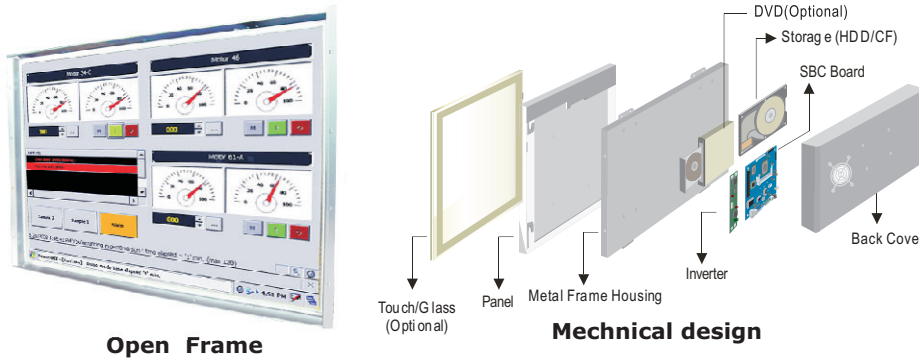


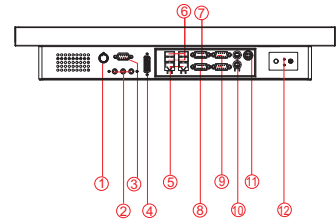
W22IB7T- OFA3 22" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

Mechanical Design



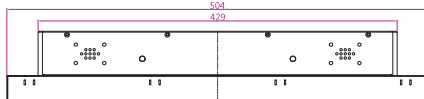
Open Frame

Mechanical design



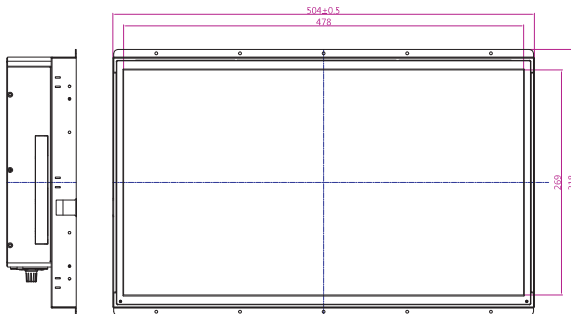
1. Brightness Adjustment Knob
 2. Audio Jack
 3. RS-232(Optional)
 4. DVI
 5. RJ-45
 6. USB(1 x 3.0, 3 x 2.0)
 7. VGA
 8. RS-232/422/485
 9. RS-232
 10. PS/2
 11. 12Vdc Power Jack
 12. Power On/Reset Button
- Fully Integrated I/O**

FRONT VIEW

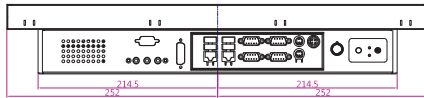
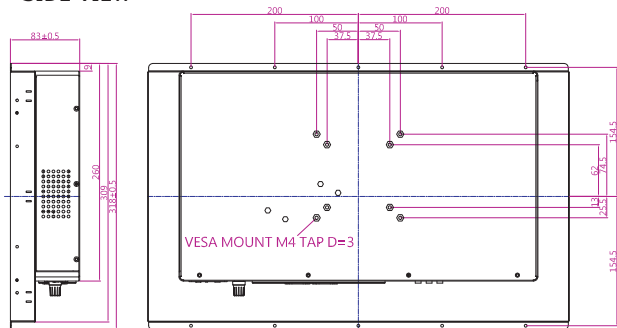


Dimensions

SIDE VIEW



BACK VIEW



BOTTOM VIEW

- * Measurements shown in mm
- * All Dimensions are ±
- * 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 : DDR3L -1066 MHz SO-DIMM x 2 Slot (MAX to 8GB)
- System Chipset : Intel Atom SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel WG82574L GbE LANx2
- Audio Codec : Realtek ALC886 HD Audio Codec

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)

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

Environment Considerations :

- Operating Temperature : 0 deg.C to 45 deg.C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP / Driver Support :

- Support Windows embedded 8 / Windows embedded 7

Expansion Slot :

- 2 x Mini PCIe (1 for WiFi, 1 for 3G Module)
 - 1 x eDP by 2x10 DF-13 connector
- * A customized housing is needed if you would like to have the PCI expansion.

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

Order Options :

Mechanical : Open Frame Panel Mount(5 mm bezel) IP65(10 mm bezel)	Storage : 2.5" HDD/ mSATA SSD
Touch : 5 Wires Resistive(Optional) AR Glass(Optional)	RAM : DDR3 1066 Max 8GB
	OS : Windows 7 embedded / Windows 8 embedded (Optional)

(A customized housing is needed if you have demands of SAW/IR/SC touch)



Rev.	Reasons	Revised Date
1.0	First release	Apr-01-14
1.1	Spec change	Apr-15-14

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

Revised Date:04/15/2014