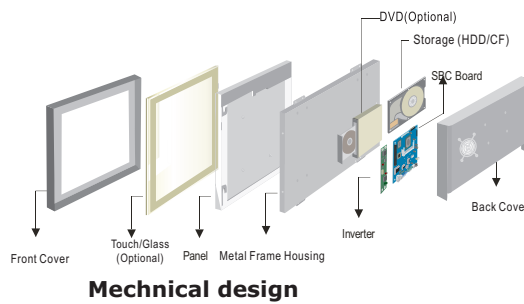


# W22IB7T-CHA3 22" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

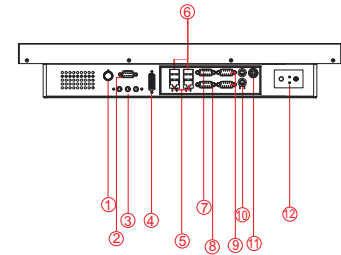
Mechanical Design



Chassis



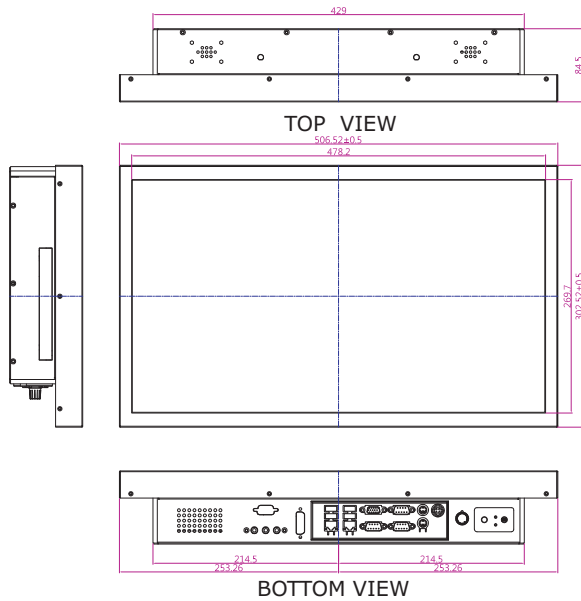
Mechanical design



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

Fully Integrated I/O

## Dimensions



SIDE VIEW

BACK 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

### 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

\* 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 : 62W (typ.)

### Accessories :

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

### Panel Spec :

- Size/Type : 21.5" TFT
- Resolutions : 1920x1080
- Brightness : 250 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angles : 170 (H); 160 (V)
- Max Colors : 16.7M (8bits/colors)

### Environment Considerations :

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

### OS BSP / Driver Support :

- Support Windows embedded 8 / Windows embedded 7

### Order Options :

Mechanical : Open Frame	Storage : 2.5" HDD / mSATA SSD
Chassis	RAM : DDR3 1066 Max. 8GB
Touch : 5-Wires Resistive(Optional)	OS : Windows 7 embedded / Windows 8 embedded (Optional)
AR Glass(Optional)	DVD : Yes(Optional)

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



Rev.	Reasons	Revised Date
1.0	First release	Apr-01-14
1.1	change drawing	Apr-17-14

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

Revised Date:04/17/2014