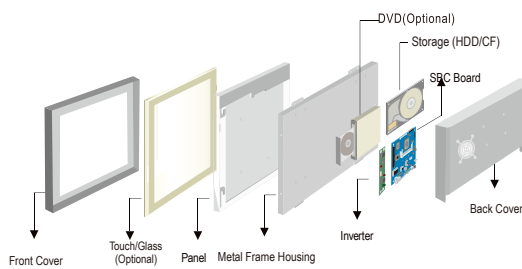


W22IB7T-CHA3 21.5" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

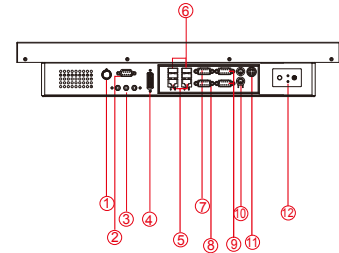
Mechanical Design



Chassis



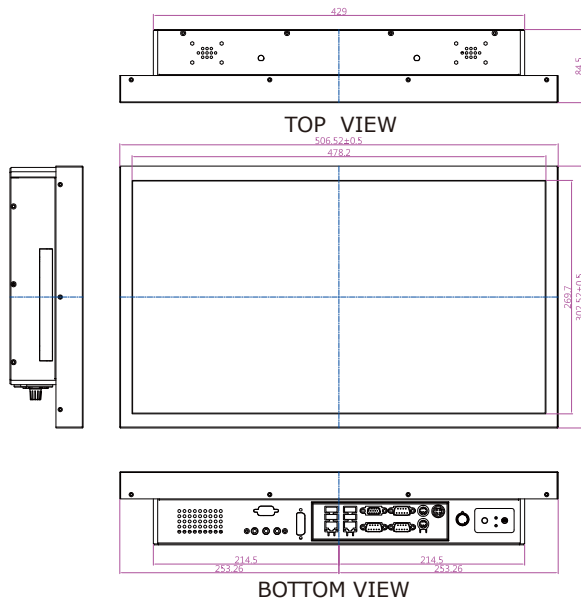
Mechanical design



- | | |
|-------------------------------|---------------------------|
| 1. Brightness Adjustment Knob | 7. VGA |
| 2. RS-232(Optional) | 8. RS-232/422/485 |
| 3. Audio Jack | 9. RS-232 |
| 4. DVI (Optional) | 10. PS/2 |
| 5. RJ-45 | 11. 12V DC-in |
| 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 ± 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 DDR3L 1600/1333 max. 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 : 62W (typ.)

Accessories :

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

Security Support :

- Trusted Platform Module (TPM 1.2)

Panel Spec :

- Size/Type : 21.5" TFT
- Resolutions : 1920x1080
- Brightness : 250 cd/m²(typ.)
- Contrast Ratio : 1000:1 (typ.)
- Viewing Angle s : -89~89 (H) ; -89~89 (V)
- Max Colors : 16.7M (8bits/colors)

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

Order Options :

- | | |
|---|--------------------------------------|
| Mechanical : Open Frame Chassis | Storage : 2.5" HDD / mSATA SSD |
| Touch : 5-Wires Resistive (Optional) AR Glass(Optional) | RAM : SODIMM DDR3L 1600/1333 max. 8G |
| | DVD : Yes(Optional) |

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



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