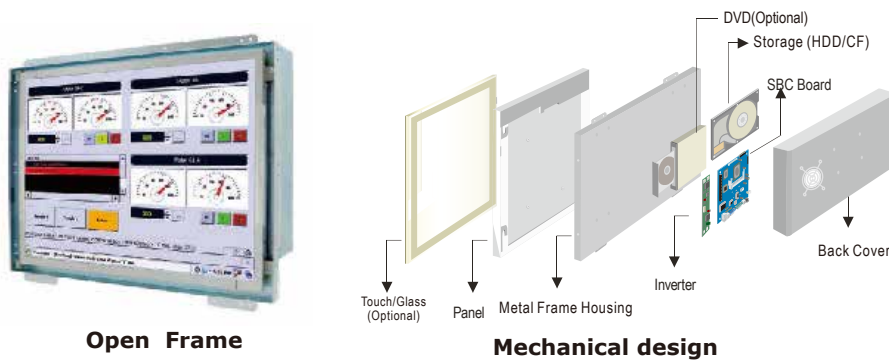


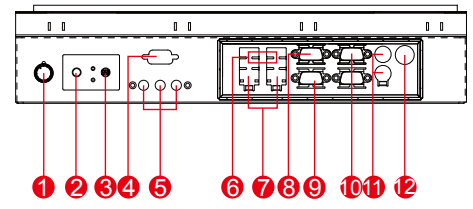
R15IB7T-0FC3 15" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

Mechanical Design



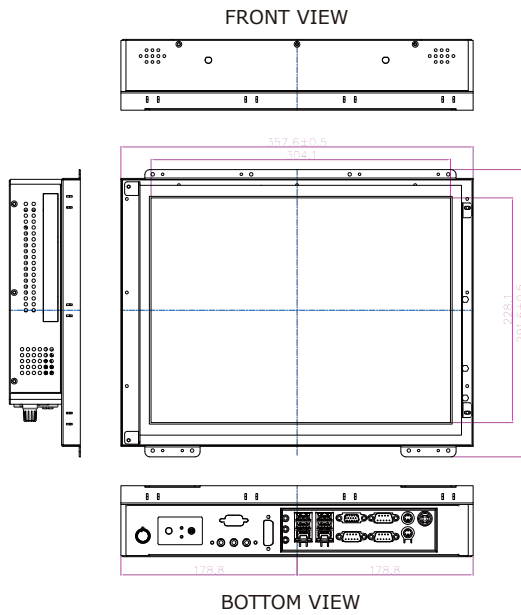
Open Frame

Mechanical design



1. Brightness Adjustment Knob
2. Power On Button
3. Power Reset Button
4. RS-232 Conn. (Optional)
5. Audio Jack
6. USB(1 x 3.0, 3 x 2.0)
7. LAN
8. VGA
9. RS232/422/485 Conn
10. RS-232 Conn.
11. PS/2
12. 12V DC-IN

Fully Integrated I/O



Dimensions

SIDE VIEW

BACK VIEW

- * Measurements shown in mm
- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25mm
- * 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 1600/1333max.8G
- System Chipset : Intel® Atom SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel® I210-AT GbE LAN x 2
- Audio Codec : Realtek 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 RJ45-10/100/1000 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 : 43W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Panel Spec :

- Size/Type : 15" TFT
- Resolutions : 1024 x 768
- Brightness : 250 nits (Optional 400 nits)
- Contrast Ratio : 500 : 1(typ.)
- Viewing Angle : -70~70(H);-60~60(V)
- Max. Colors : 16.2M

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

*For Windows Embedded 8, this panel PC supports the Metro UI, but does not support the Snap View feature

Security Support

- Trusted Platform Module (TPM 1.2)

Order Options :

Mechanical : Open Frame Panel Mount(10 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)	OS : Windows 10 IoT Enterprise Windows 8 embedded / Windows 7 embedded (Optional)

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

