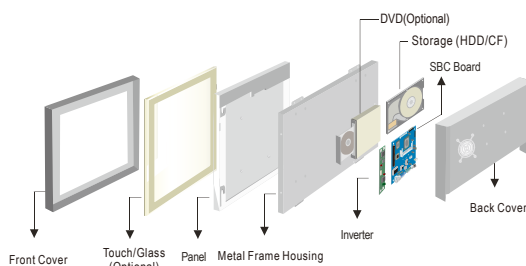
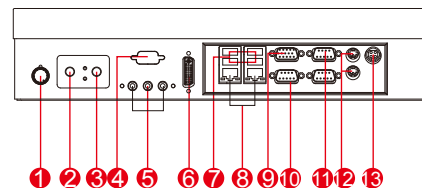


R15IB7T-CHC3 15" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

Mechanical Design



Mechanical design



1. Brightness Adjustment Knob
2. Power On Button
3. Power Reset Button
4. RS-232 Conn. (Optional)
5. Audio Jack
6. DVI (Optional)
7. USB(1 x 3.0, 3 x 2.0)
8. LAN
9. VGA
10. RS232/422/485 Conn
11. RS-232 Conn.
12. PS/2
13. 12V DC-IN

Fully Integrated I/O

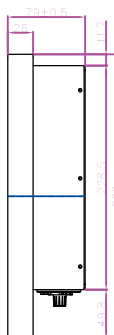
Chassis

FRONT VIEW

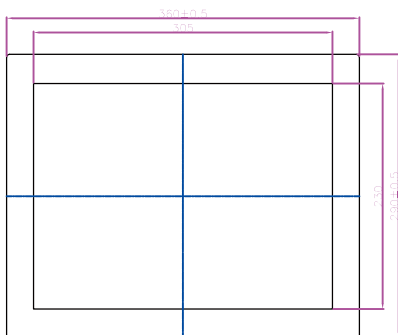
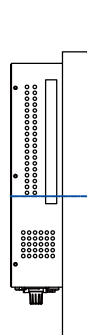
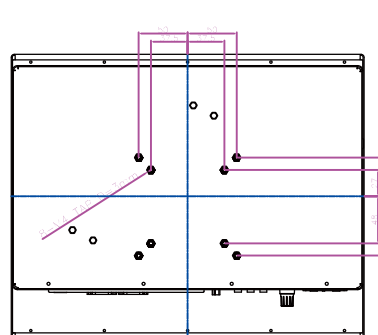


Dimensions

SIDE VIEW



BACK VIEW



BOTTOM 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

Security Support :

- Trusted Platform Module (TPM 1.2)

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 (6bits+FRC)

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

Order Options :

- | | |
|--|---|
| Mechanical : Chassis | Storage : 2.5" HDD / mSATA SSD |
| Touch : 5-Wires Resistive (Optional)
AR Glass(Optional) | RAM : SODIMM DDR3L
1600/1333max. 8G |
| | OS : Windows 10 IoT Enterprise
Windows 7 embedded /
Windows 8 embedded (Optional) |

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