

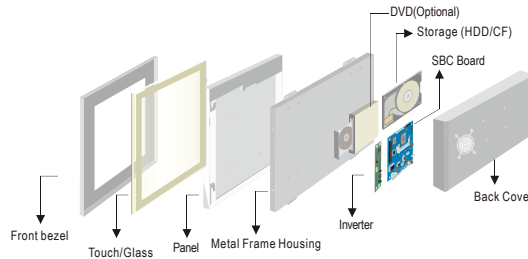
R15IB7T-IPC3

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

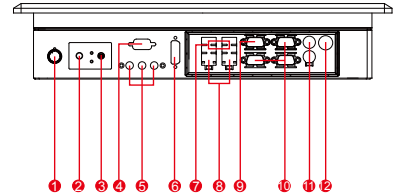
Mechanical Design



IP65 (10 mm front bezel)



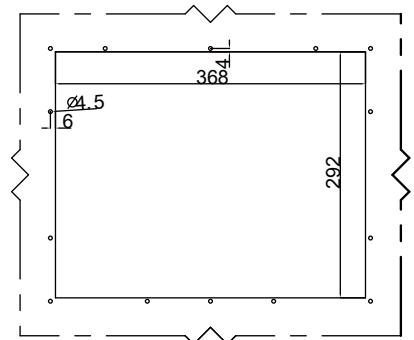
Mechanical design



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 Out
10. RS-232 Conn.
11. PS/2
12. 12V DC-IN

Fully Integrated I/O

IP65 CUT OUT



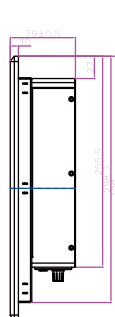
1:2

Dimensions

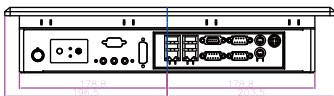
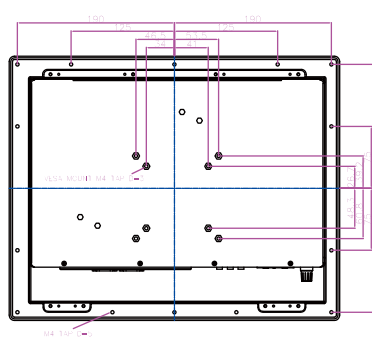
FRONT VIEW



SIDE VIEW



BACK VIEW



BOTTOM VIEW

- * Measurements shown in mm
- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 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 DDR3L1600/1333max.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

Panel Spec :

- Size/Type : 15" TFT
- Resolutions : 1024 x 768
- Brightness : 250 nits (Optional 400 nits)
- Contrast Ratio : 700 : 1(typ.)
- Viewing Angle : -70~70(H);-65~60(V)
- Max. Colors : 16.2M

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 50 deg.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

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 : 38W (typ.)

Accessories :

- External Adapter : 110~240V Ac-in power adapter

Security Support :

- Trusted Platform Module (TPM 1.2)

Order Options :

- Mechanical : IP65(10 mm bezel)
- Touch : 5-Wires Resistive AR Glass (Either one)

- Storage : 2.5" HDD/ mSATA SSD
- 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/SC touch)