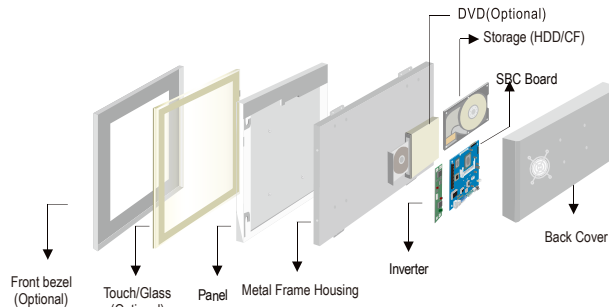


# R15IB7T-PMC3 15" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

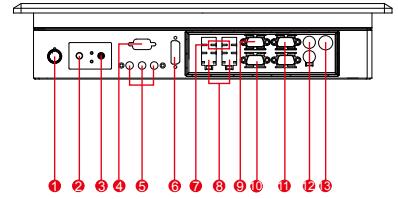
## Mechanical Design



Panel Mount (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. RS232/422/485 Conn
11. RS-232 Conn.
12. PS/2
13. 12V DC-IN

### Fully Integrated I/O

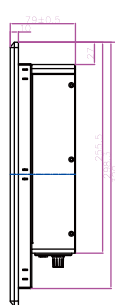
### IP65 CUT OUT

### Dimensions

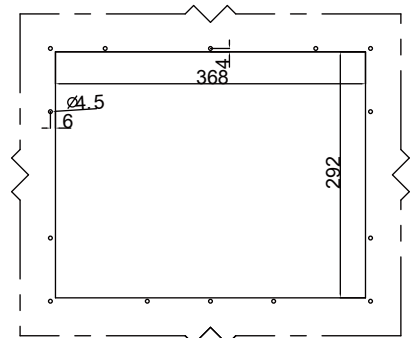
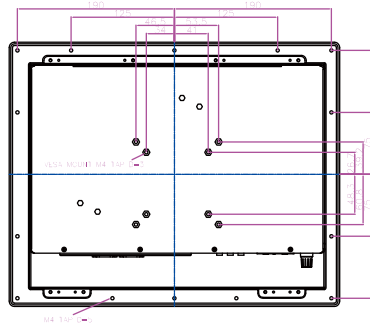
#### FRONT VIEW



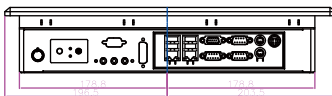
#### SIDE VIEW



#### BACK VIEW



1:2



#### 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 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 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

### 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)

### Panel Spec :

- Size/Type : 15" TFT
- Resolutions : 1024 x 768
- Brightness : 250 cd/m<sup>2</sup>(typ.)
- Contrast Ratio : 700 : 1(typ.)
- Viewing Angle : -70~70(H);-65~60(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

### Order Options :

- |  |  |
|--|--|
| Mechanical : Open Frame<br>Panel Mount<br>(10 mm bezel)<br>IP65(10 mm bezel) | Storage : 2.5" HDD/ mSATA SSD<br>RAM : SODIMM DDR3L<br>1600/1333 max. 8G                   |
| Touch : 5 Wires Resistive<br>(Optional)<br>AR Glass(Optional)                | OS : Windows 10 IoT Enterprise<br>Windows 7 embedded /<br>Windows 8 embedded<br>(Optional) |

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



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

Revised date: 15-Jul-2016 V1.3