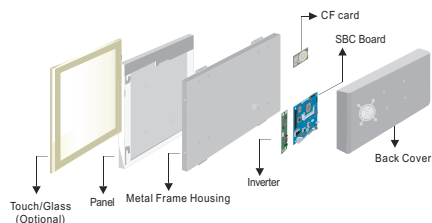
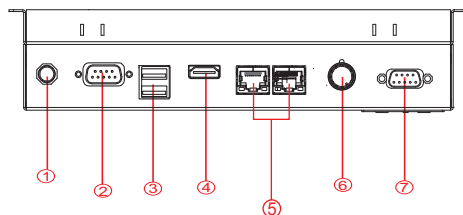


R08IB3S-PMU1 8.4" Panel PC (Intel® Celeron® Bay Trail-M N2930 1.83GHz)

Mechanical Design

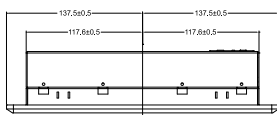


Modularized Construction

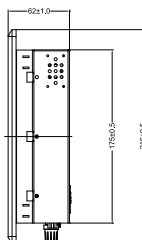
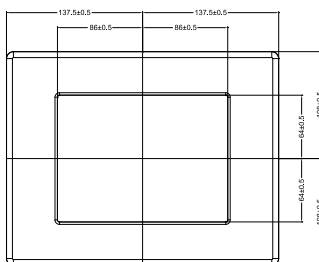
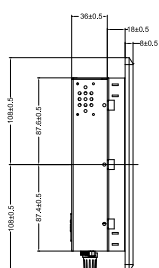


Panel Mount (8mm front bezel)

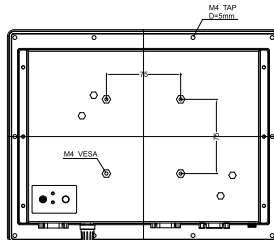
FRONT VIEW



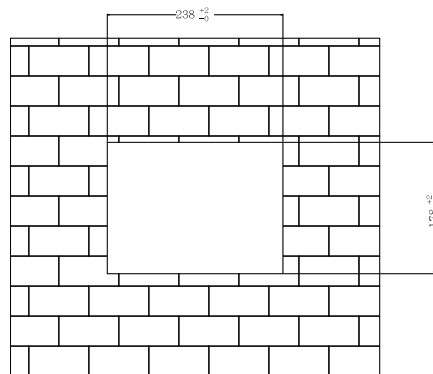
SIDE VIEW



BACK VIEW



CUT OUT



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 Trail-M N2930 1.83GHz
- Memory Slot : DDR3 1066 MHz SO-DIMM Slot, Max. 8GB
- System Chipset : Intel ATOM SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel WG82574L GbE LANx2
- Audio Codec : Realtek ALC886 HD Audio Codec

Panel Spec :

- Size/Type : 8.4" TFT
- Resolutions : 800x600
- Brightness : 400cd/m (typ.)
- Contrast Ratio : 600: 1 (typ.)
- Viewing Angle : -75° ~ 75° (H); -60° ~ 70° (V)
- Max. Colors : 16.2M(8bits/color)

Input / Output :

- Serial Ports : 1 x RS232, 1 x RS232/422/485
- USB Ports : 1 x USB 3.0, 1 x USB 2.0
- Ethernet : 2 x RJ45-10/100/1000 Mbps
- HDMI : 1 x HDMI
- Power : 1 x DC-in Power Jack(+12V)

Environment Considerations :

- Operating Temperature : 0 deg.C to 45deg.C
- Operating Humidity : 30% to 90% (non condensing)

Expansion Slots:

- 1 x Mini PCIe slot (for wireless module)
 - 1 x Mini PCIe slot (for SATA SSD)
- * A customized housing is needed if you would like to have the PCI expansion.

OS BSP / Driver Support :

- Support Windows Embedded 8 * / Windows Embedded 7

*For Windows Embedded 8, this panel PC does not support the Metro UI, only the desktop mode

Power Specifications :

- Power Input : 12V DC-IN Power input
- Power Consumption : 35W (typ.)(Max.backlight & high CPU load)

Order Options :

- | | |
|--|---|
| Mechanical : Panel Mount (6mm bezel) | Storage : 2.5" HDD/ mSATA |
| Touch : 4 Wires Resistive(Optional)
AR Glass (Optional) | RAM : DDR3 1066 Max 8GB |
| | OS : Windows Embedded 8 /
Windows Embedded 7 |

Accessories :

- External Adapter : 110~230V Ac-in Power Adapter



Rev.	Reasons	Revised Date
1.0	New Release	Apr.01.14
1.1	Spec change	Apr.15.14