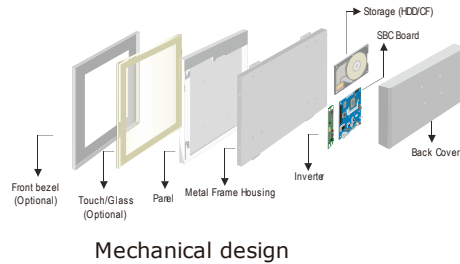


# R10IB3S-PMT2 10.4" Panel PC (Intel® Celeron® Bay Trial-M N2930 1.83GHz)

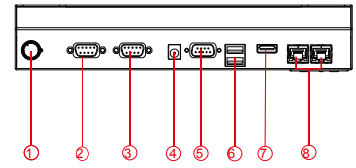
Mechanical Design



Panel Mount (6 mm front bezel)

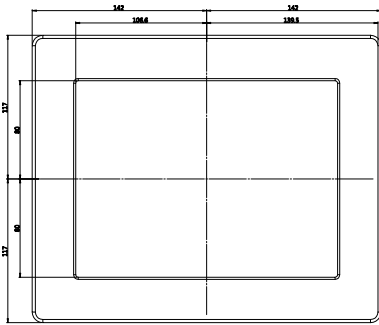


Mechanical design

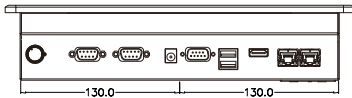


- 1 Dimming Knob
- 2 RS232(Optional)
- 3 RS232
- 4 DC-in 12V
- 5 RS232/422/485(Default RS232)
- 6 2 x USB
- 7 HDMI
- 8 2 x RJ45

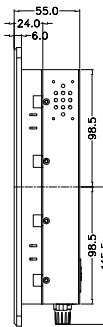
FRONT VIEW



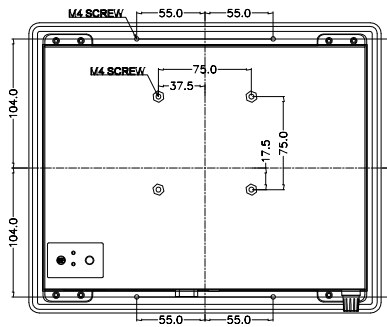
BOTTOM VIEW



Dimensions  
SIDE VIEW

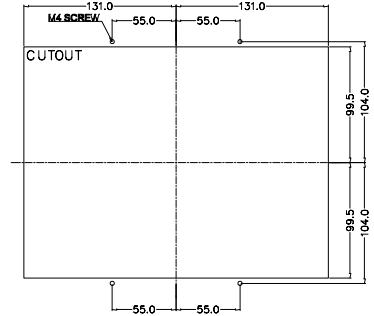


BACK VIEW



Fully Integrated I/O

Cut Out



ALL DIMENSION ARE  $\pm 0.5$   
CUT OUT DIMENSION(262\*199mm)

- \* Measurements shown in mm
- \* Tolerance of all dimensions is shown as follow 0~30 mm  $\pm 0.1$  mm, 30~50 mm  $\pm 0.15$  mm, 50~120 mm  $\pm 0.2$  mm, above 120 mm  $\pm 0.25$  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 : 1 x RS-232, 1 x RS-232/422/485
- 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 12V DC-in

### Expansion Slot :

- 2 x Mini PCIe (1 for WiFi, 1 for SATA SSD)

### Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 35W (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 : 10.4" TFT
- Resolutions : 1024 x 768
- Brightness : 350 cd/m<sup>2</sup>(typ.)
- Contrast Ratio : 1200 : 1(typ.)
- Viewing Angle : -88~88(H); -88~88(V)
- Max. Colors : 16.2M(8bits)

### 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

### Order Options :

Mechanical : Panel Mount	Storage : 2.5" HDD / mSATA
Touch : 5-Wires Resistive (Optional)	RAM : SODIMM DDR3L 1600/1333 max. 8G
AR Glass (Optional)	OS : Windows 10 IoT Enterprise / Windows Embedded 8 / Windows Embedded 7
(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)	