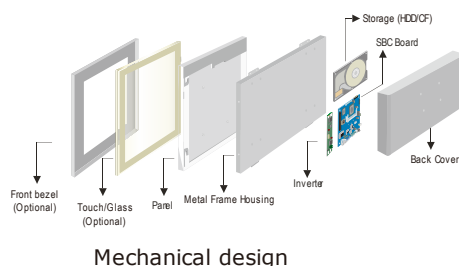


R10IB3S-PMT2 10.4" Panel PC (Intel® Celeron® Bay Trail-M N2930 1.83GHz)

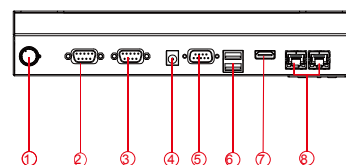
Mechanical Design



Panel Mount (6 mm front bezel)

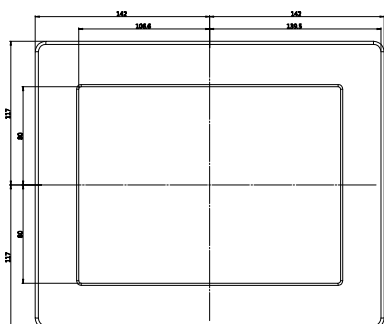


Mechanical design



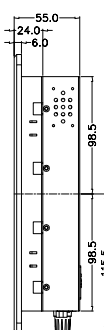
- | | |
|--------------------|---------------------------------|
| 1 Dimming Knob | 5 RS232/422/485 (Default RS232) |
| 2 RS232 (Optional) | 6 2 x USB |
| 3 RS232 | 7 HDMI |
| 4 DC-in 12V | 8 2 x RJ45 |

FRONT VIEW

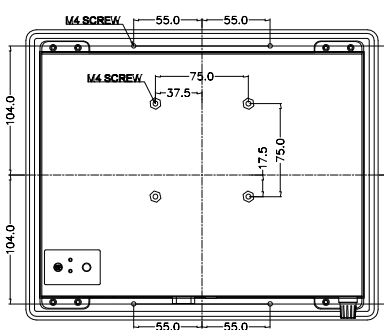


Dimensions

SIDE VIEW

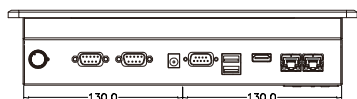
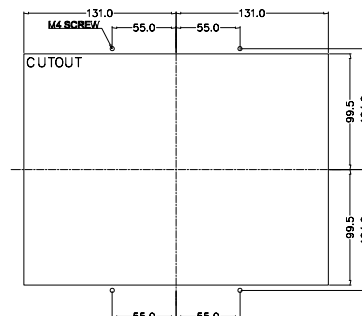


BACK VIEW



Fully Integrated I/O

Cut Out



BOTTOM VIEW

ALL DIMENSION ARE ± 0.5
CUT OUT DIMENSION (262*199mm)

- * 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 ± 0.25 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 Trail-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/m² (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)	



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

12-Jul-2017 V1.5