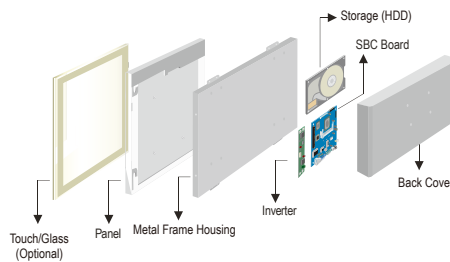
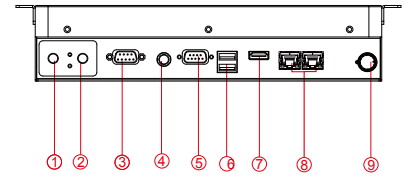


# R10IB3S-CHT2 10.4" Panel PC (Intel® Celeron® Bay Trial-M N2930 1.83GHz)

Mechanical Design



**Mechanical design**

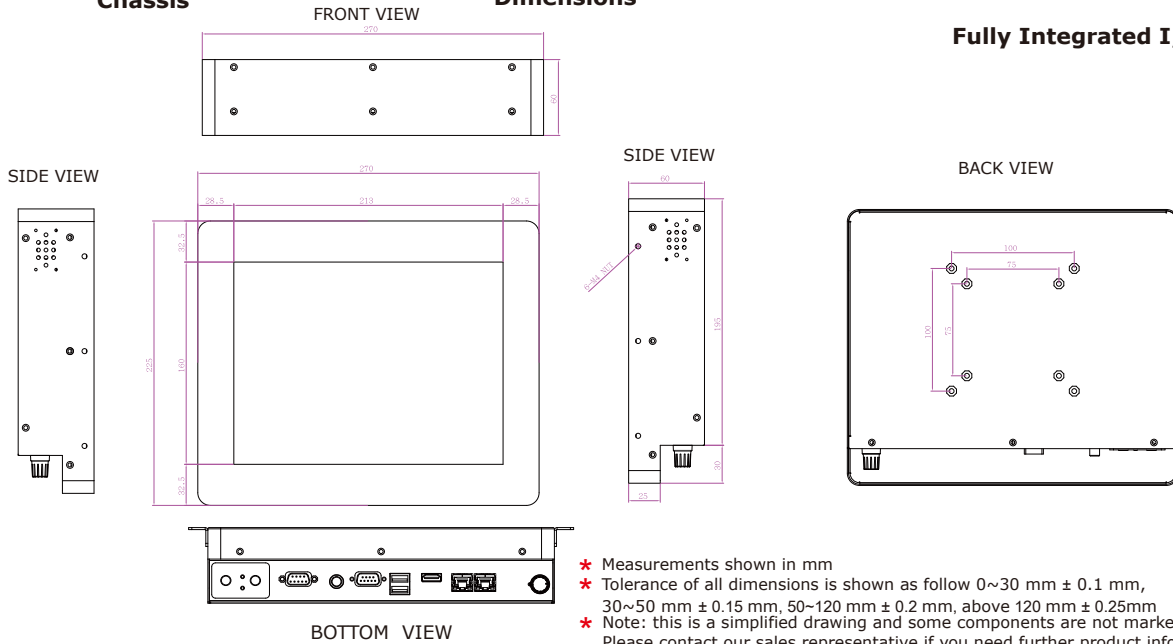


- 1.Reset
- 2.Power
- 3.RS232/422/485 (default RS232)
- 4.12V DC in
- 5.RS232
- 6.USB 3.0/2.0
- 7.HDMI
- 8.2 x RJ45
- 9.Brightness/Adjustment

## Chassis

## Dimensions

## Fully Integrated I/O



- \* 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 ± 0.25mm
- \* 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 LANx2
- Audio Codec : Realtek ALC886 HD Audio Codec

### 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

### 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 12V DC-in

• Default setting:RS232

### 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

### Security Support :

- Trusted Platform Module (TPM 1.2)

### Order Options :

Mechanical : Chassis	Storage : 2.5" HDD/ mSATA
Touch : 4 Wires Resistive (Optional) AR Glass (Optional)	RAM : SODIMM DDR3L 1600/1333 max. 8G
	OS : Windows 10 IoT Enterprise / Windows Embedded 8 / Windows Embedded 7

### 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