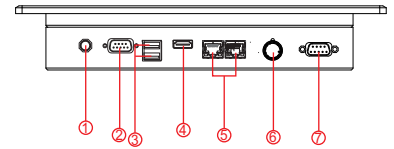
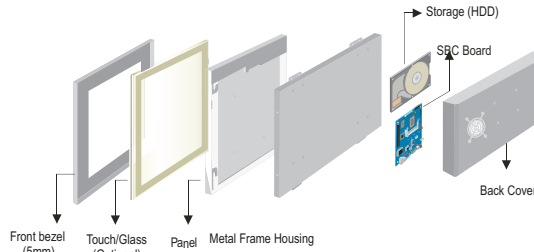


# W10IB3S-PMH1 10.1" Panel PC (Intel® Celeron® Bay Trial-M N2930 1.83GHz)

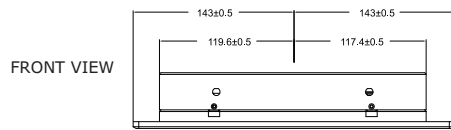
Mechanical Design



1. DC-in 12V.
2. RS232/422/485(default Rs232)
3. 1 x USB 3.0, 1 x USB 2.0
4. HDMI
5. 2 x RJ45
6. Dimming Knob
7. RS232(Optional)

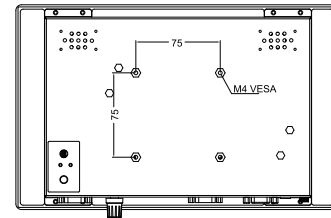
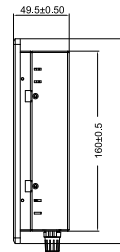
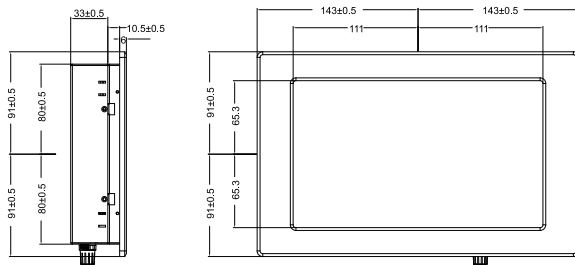
Panel Mount(6 mm front bezel)

Modularized Construction



SIDE VIEW

BACK VIEW



BOTTOM VIEW

\* 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.  
 \* Cut out dimension(239\*170mm)

## Specifications

### System :

- CPU : Intel® Celeron® Bay Trial-M N2930 1.83GHz
- Memory Slot : SODIMM DDR3L 1066/1333 max. 8G
- System Chipset : Intel ATOM SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel WG82574L GbE LANx2
- Audio Codec : Realtek ALC886 HD Audio Codec

### 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) • Default setting:RS232

### Expansion Slot :

- 1 x Mini PCIe slot (for wireless module)
- 1 x Mini PCIe slot (for SATA SSD)

### Power Specifications :

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

### Accessories :

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

### Security Support :

- Trusted Platform Module (TPM 1.2)

### Panel Spec :

- Size/Type : 10.1" TFT (Wide screen)
- Resolutions : 1024x600
- Brightness : 200cd/m (typ.)
- Contrast Ratio : 500 : 1(typ.)
- Viewing Angle : -70~70(H);-50~60(V)
- Max. Colors : 256K(6bit)

### Environment Considerations :

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

### OS BSP / Driver Support :

- Support Windows 10 IoT Enterprise / Windows Embedde 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 (6mm bezel)	Storage	: 2.5" HDD/ mSATA
Touch	: 4 Wires Resistive (Optional) AR Glass (Optional)	RAM	: SODIMM DDR3L 1066/1333 max. 8G
		OS	: Windows 10 IoT Enterprise / Windows Embedded 8 / Windows Embedded 7

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

Revised Date:11/11/2015

