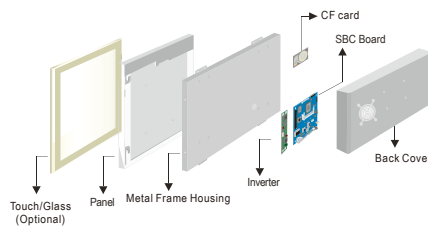


# W07IB3S-OFT1 7" Panel PC (Intel® Celeron® Bay Trial-M N2930 1.83GHz)

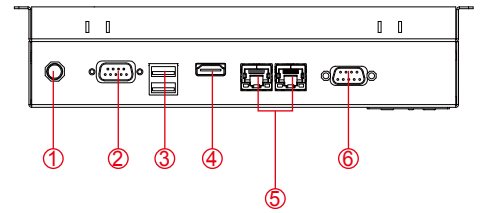
## Mechanical Design



Open Frame

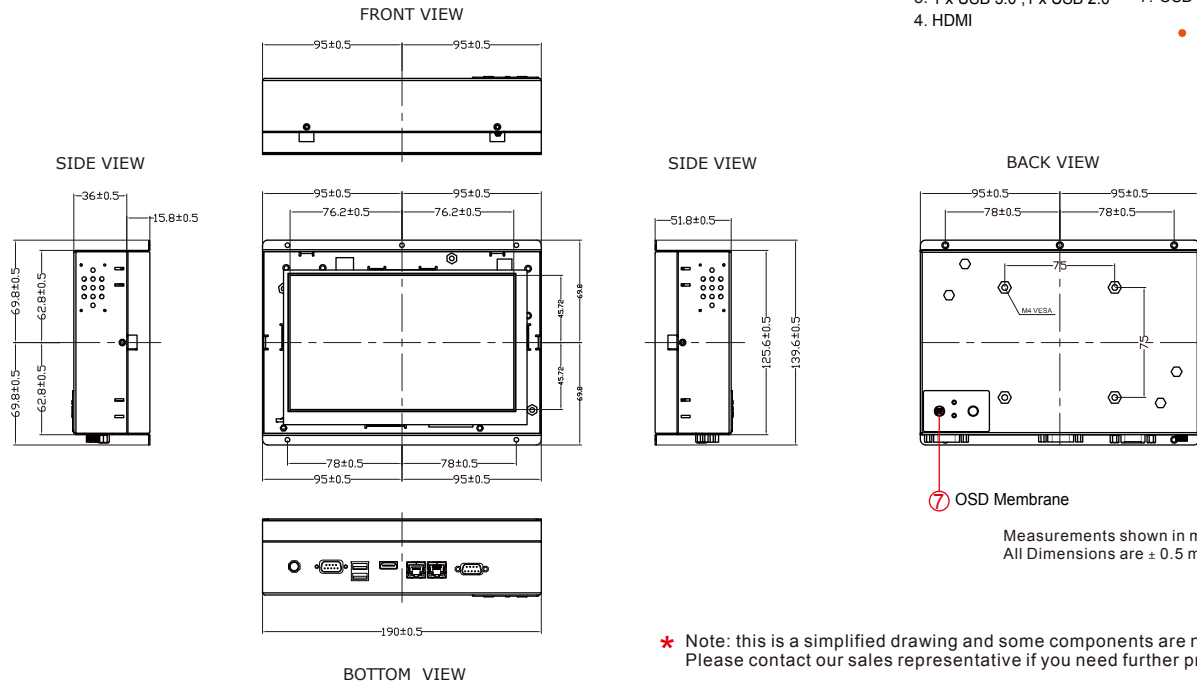


Modularized Construction



- 1. DC-in 12V.
- 2. RS232/422/485
- 3. 1 x USB 3.0, 1 x USB 2.0
- 4. HDMI
- 5. 2 x RJ-45
- 6. RS232
- 7. OSD Membrane

● Default setting: RS232



\* 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 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

### Panel Spec :

- Size/Type : 7" TFT
- Resolutions : 1024x600
- Brightness : 320 cd/m (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angle : -70~75(H); -75~75(V)
- Max. Colors : 16.7M (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)
- Default setting: RS232

### 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 does not support the Metro UI, only the desktop mode

### Expansion Slots:

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

### Security Support

- Trusted Platform Module (TPM 1.2)

### Power Specifications :

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

### Accessories :

- External Adapter : 110~240V Ac-in Power Adapter

### Order Options :

Mechanical : Open Frame	Storage : 2.5" HDD/ mSATA
Touch : 4 Wires Resistive(Optional) AR Glass (Optional)	RAM : SODIMM DDR3L 1600 Max. 8Gb
	OS : Windows 10 IoT Enterprise Windows Embedded 8 Windows Embedded 7