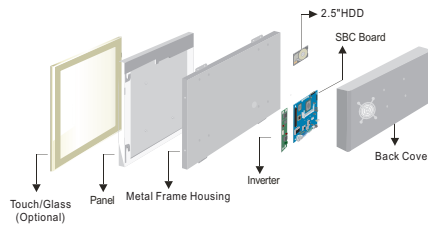


W10IB3S-CHH1 10.1" Panel PC (Intel® Celeron® Bay Trail-M N2930 1.83GHz)

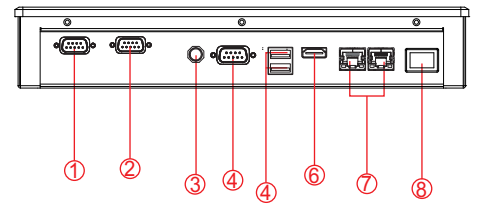
Mechanical Design



Chassis

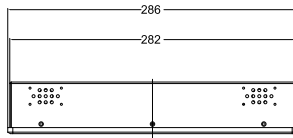


Modularized Construction



- | | |
|---------------------|-----------------------------|
| 1. RS232 (Optional) | 5. 1 x USB 3.0, 1 x USB 2.0 |
| 2. RS232 Conn. | 6. HDMI |
| 3. DC-in 12V. | 7. 2 x RJ45 |
| 4. RS232 Conn. | 8. Power Knob |

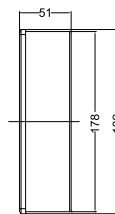
FRONT VIEW



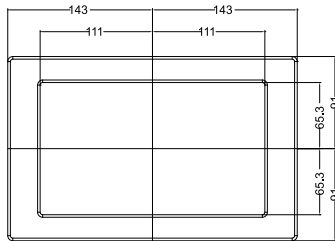
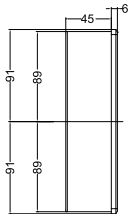
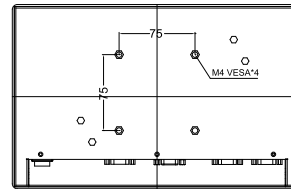
Dimensions

Fully Integrated I/O

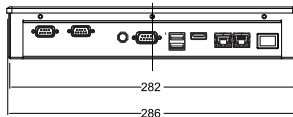
SIDE VIEW



BACK VIEW



BOTTOM VIEW



- * 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 : DDR3 1066 MHz SO-DIMM Slot, Max. 8GB
- System Chipset : Intel ATOM SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel WG82574L GbE LANx2
- Audio Codec : Realtek ALC886 HD Audio Codec

Panel Spec :

- Size/Type : 10.1" TFT
- Resolutions : 1024 x 600
- Brightness : 200 cd/m² (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Ang : -70~70(H); -50~60(V)
- Max Colors : 256K(6bits)

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

OS BSP / Driver Support :

- Support 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

Expansion Slot :

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

Power Specifications :

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

Accessories :

- External Adapter : 100~230V AC-in Power Adapter

Order Options :

Mechanical : Chassis	Storage : 2.5" HDD/ mSATA
Touch : 4 Wires Resistive(Optional) AR Glass (Optional)	RAM : DDR3 1066 Max 8GB
	OS : Windows Embedded 8 / Windows Embedded 7



Rev.	Reasons	Revised Date
1.0	New Release	Apr.01.14
1.1	Spec change	Apr.15.14

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

Revised Date:04/15/2014