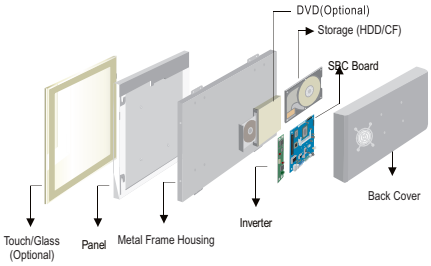
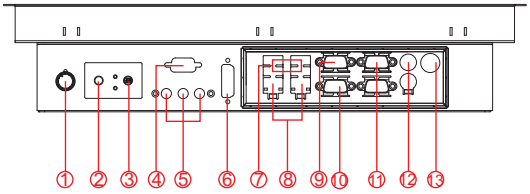
R17IB7T-OFM1 17" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

Mechanical Design

Open Frame



Modularized Construction

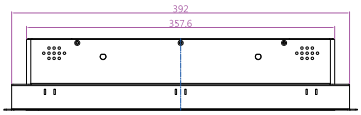


1. Brightness Adjustment Knob
2. Power On Button
3. Power Reset Button
4. RS-232 Conn. (Optional)
5. Audio Jack
6. DVI (Optional)
7. USB(1 x 3.0, 3 x 2.0)
8. LAN
9. VGA
10. RS232/422/485 Conn
11. RS-232 Conn.
12. PS/2
13. 12V DC-in

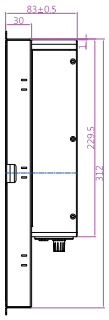
Fully Integrated I/O

Dimensions

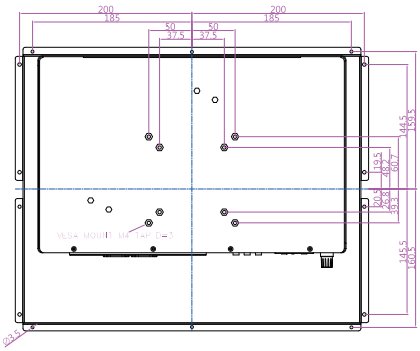
FRONT VIEW

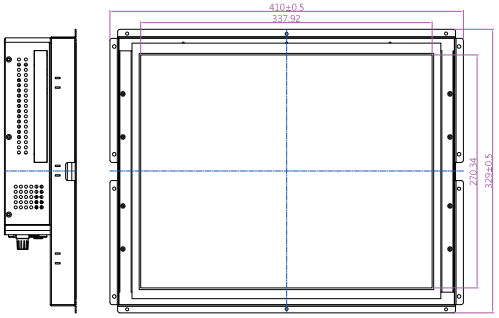


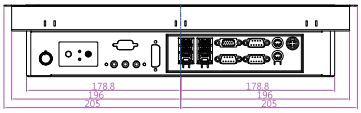
SIDE VIEW



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 Trial-M N2930 1.83GHz
- Memory Slot : SODIMM DDR3L1600/1333max.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 : 2 x RS232●, 1 x RS232/422/485
- USB Ports : 1 x USB 3.0, 3 x USB 2.0
- Keyboard / Mouse : 2 x PS/2
- Ethernet : 2 x RJ45-10/100/1000 Mbps
- VGA : 1 x VGA (female)
- Audio : Line-out, Line-in, Mic in

● Default setting:RS232

Expansion Slot :

- 2 x Mini PCIe (1 for WiFi, 1 for 3G Module)
- 1 x eDP by 2x10 DF-13 connector

Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 65W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Panel Spec :

- Size/Type : 17" TFT
- Resolutions : 1280 x 1024
- Brightness : 350 cd/m^2(typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M (6bits+FRC)

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

Security Support

- Trusted Platform Module (TPM 1.2)

Order Options :

Mechanical	: Open Frame Panel Mount(8 mm bezel) IP65(8 mm bezel)	Storage	: 2.5" HDD/ mSATA SSD
		RAM	: SODIMMDDR3L 1600/1333max.8G
Touch	: 5-Wires Resistive(Optional) AR Glass(Optional) (A customized housing is needed if you have demands of SAW/IR/IT/SC touch)	OS	: Windows 10 IoT Enterprise Windows 8 embedded / Windoes 7 embedded (Optional)

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

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