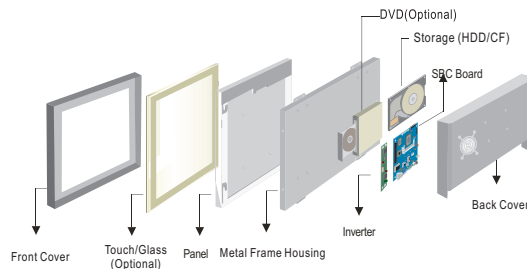


R17IB7T-CHM1 17" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

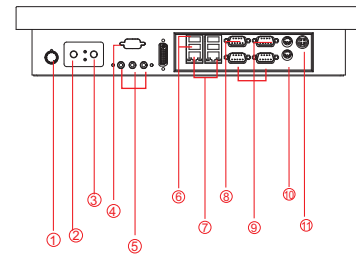
Mechanical Design



Chassis



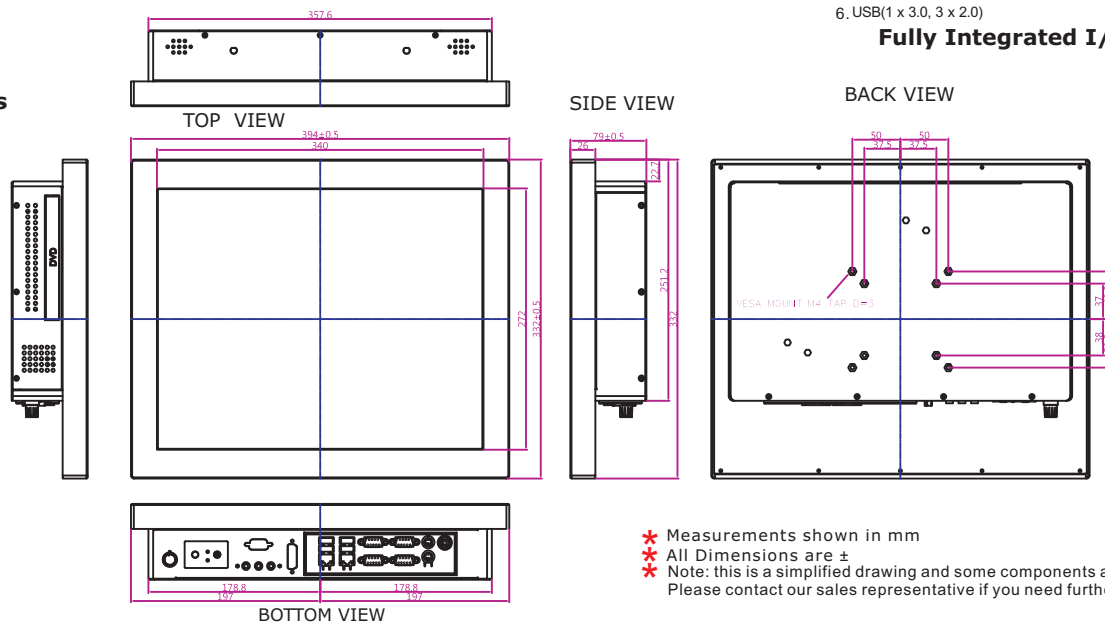
Mechanical design



1. Brightness Adjustment Knob
2. Power On Button
3. Power Reset Button
4. RS-232 Conn.(Optional)
5. Audio Jack
6. USB(1 x 3.0, 3 x 2.0)
7. RJ-45
8. VGA Out
9. RS-232 Conn.
10. PS/2
11. DC-IN Power Jack

Fully Integrated I/O

Dimensions



- * Measurements shown in mm
- * All Dimensions are ±
- * 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.

System Specifications

System :

- CPU : Intel® Celeron Bay Trial-M N2930 1.83GHz
- Memory Slot : DDR3L -1066 MHz SO-DIMM x 2 Slot (MAX to 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 : 17" TFT
- Resolutions : 1280 x 1024
- Brightness : 300 cd/m² (typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M(6bits+FRC)

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

Environment Considerations :

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

OS BSP / Driver Support :

- Support Windows embedded 8 / Windows embedded 7

Expansion Slot :

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

* A customized housing is needed if you would like to have the PCI expansion.

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 59W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Order Options :

Mechanical : Chassis	Storage : 2.5" HDD/ mSATA SSD
Touch : 5-Wires Resistive(Optional)	RAM : DDR3 1066 Max. 8GB
AR Glass(Optional)	OS : Windows 7 embedded / Windows 8 embedded (Optional)

(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)



Rev.	Reasons	Revised Date
1.0	First release	Apr-01-14
1.1	Spec change	Apr-15-14