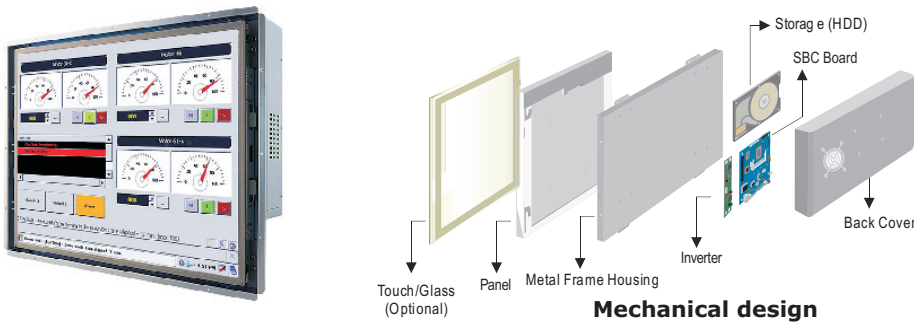


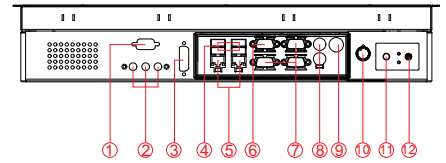
R19IB7T-OFA1 19" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

Mechanical Design

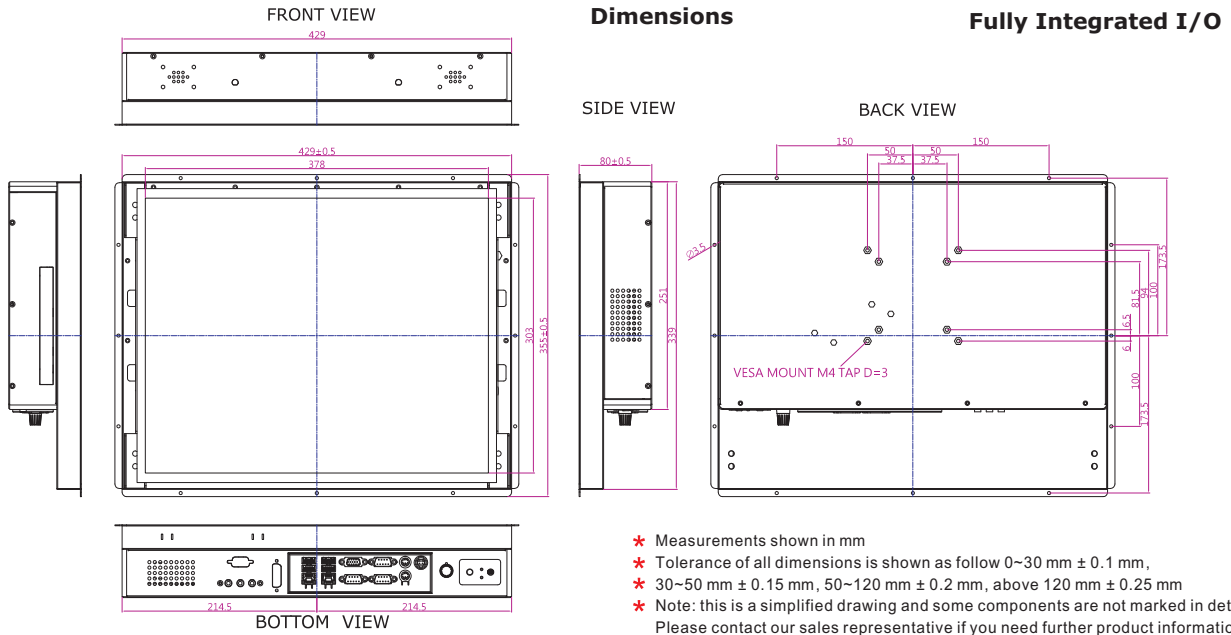


Open Frame

Mechanical design



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



- * 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 : 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 : 19" TFT
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m² (typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H); -80~80(V)
- Max. Colors : 16.7M (8 bits/colors)

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 RJ 45-10/100/1000 Mbps
- VGA : 1 x VGA (female)
- Audio : Line-Out, Line-In, Mic in

• Default setting:RS232

Environment Considerations :

- Operating Temperature : 0 deg.C to 45 deg.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

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 60W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Order Options :

Mechanical : Open Frame	Storage : 2.5" HDD/ mSATA SSD
Touch : 5 Wires Resistive(Optional) AR Glass(Optional)	RAM : DDR3 1066 Max 8GB
Security : Trusted Platform Module (TPM 1.2)	OS : Windows 7 embedded / Windows 8 embedded (Optional)

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



Rev.	Reasons	Revised Date
1.0	First release	May-05-14
1.1	Spec change	Jun-26-14