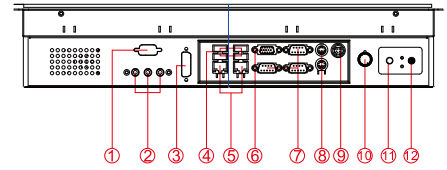
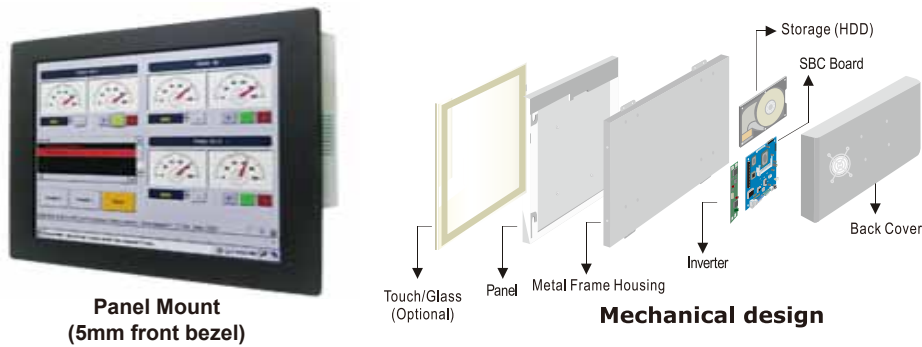


W19IB7T-PMM3 Wide 19" Panel PC (Intel® Celeron® Bay Trial-M N2930 1.83GHz)

Mechanical Design



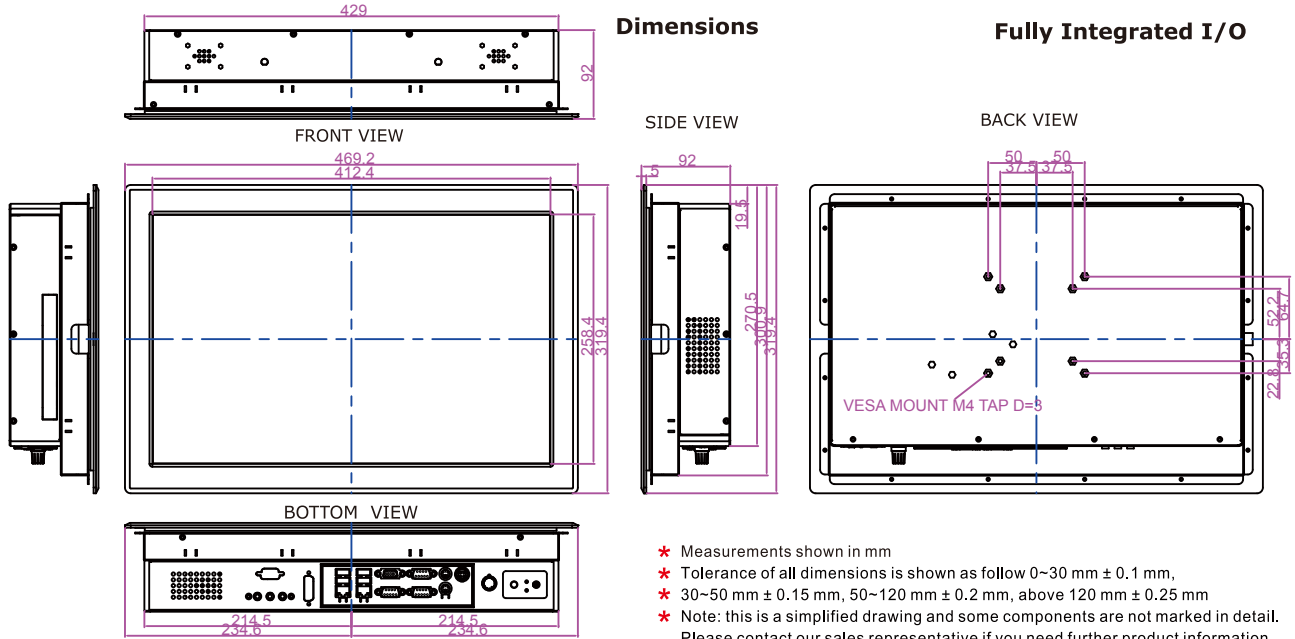
1. RS-232 Conn. (Optional)
2. Audio Jack
3. DVI (Optional)
4. USB (1 X 3.0 , 2 X 2.0)
5. LAN
6. VGA
7. RS-232 Conn.
8. PS/2
9. DC-in Power
10. Brightness Adjustment Knob
11. Power On Button
12. Power Reset Button

**Panel Mount
(5mm front bezel)**

Mechanical design

Dimensions

Fully Integrated I/O



- * 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 : 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 : 19" Wide (16:10)
- Resolutions : 1440 x 900
- Brightness : 250 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 : 1 x RS-232, 1 x RS-232/422/485
- 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)

Environment Considerations :

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

Expansion Slot :

- 2 x Mini PCIe (1 for WiFi, 1 for SATA SSD)

OS BSP / Driver Support :

- Support Windows 7 embedded / Windows 8 embedded

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 32W (typ.)(Max.backlight & high CPU load)

Order Options :

Mechanical : Open Frame Chassis	Storage : 2.5" HDD/mSATA SSD
IP65(8 mm bezel)	RAM : DDR3 1066 Max 8GB
Touch : 5 Wires Resistive(Optional)	OS : Windows 7 embedded / Windows 8 embedded (Optional)
(A customized housing is needed if you have demands of SAW/IR/SC touch)	

Accessories :

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



Rev.	Reasons	Revised Date
1.0	First release	July-07-2014