

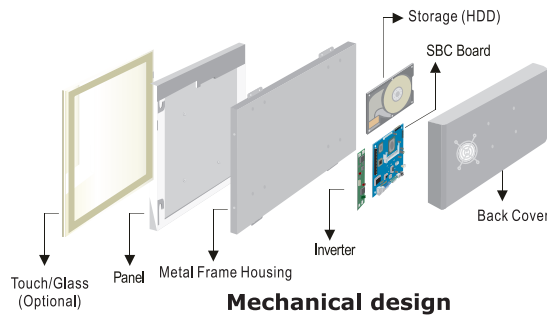
# W19ID7T-IPM3

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

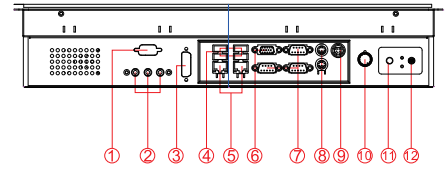
## Mechanical Design



IP65  
(8mm front bezel)



Mechanical design

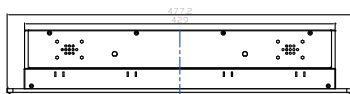


1. RS-232 Conn. (Optional)
2. Audio Jack
3. DVI (Optional)
4. USB (1 X 3.0, 2 X 2.0)
5. LAN
6. VGA
7. RS-232 Conn.
8. PS/2
9. 12V DC-in
10. Brightness Adjustment Knob
11. Power On Button
12. Power Reset Button

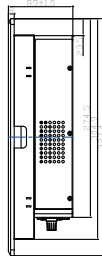
## Dimensions

## Fully Integrated I/O

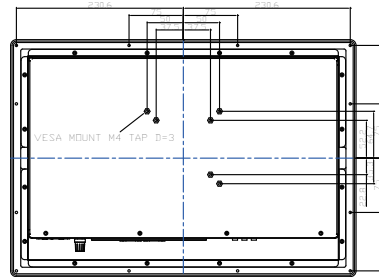
FRONT VIEW



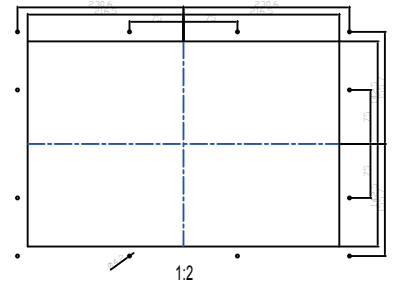
SIDE VIEW



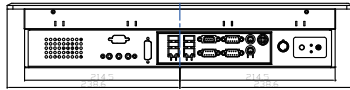
BACK VIEW



CUT OUT



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 : DDR3 1600 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/m<sup>2</sup> (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 12V DC-in

### Environment Considerations :

- Operating Temperature : 0 deg.C to 50 deg.C
- Operating Humidity : 30% to 90% (non condensing)

### OS BSP / Driver Support :

- Support Windows 7 embedded / Windows 8 embedded

### Expansion Slot :

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

### Power Specifications :

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

### Accessories :

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

### Order Options :

Mechanical : IP65

Touch : 5 Wires Resistive(Optional)  
(A customized housing is needed if you have demands of SAW/IR/SC touch)

Storage : 2.5" HDD/mSATA SSD  
RAM : DDR3 1600 Max.4GB  
OS : Windows 7 embedded / Windows 8 embedded (Optional)



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

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