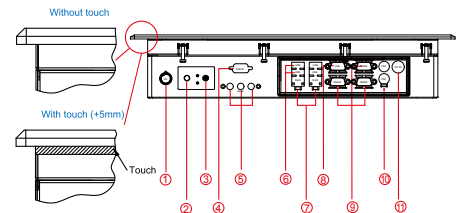
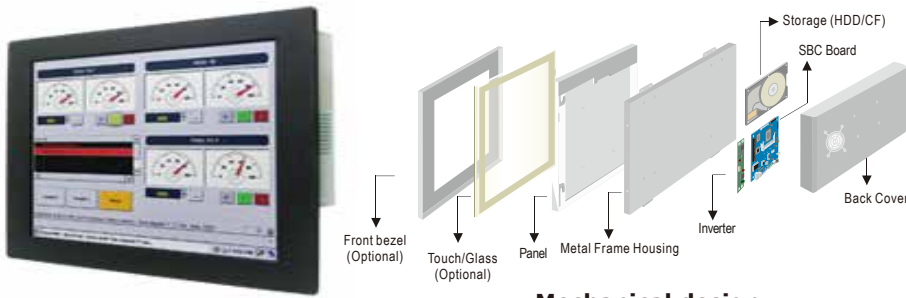


# W15IB7T-IPA2

## 15.6" Panel PC (Intel® Celeron® Bay Trial-M N2930 1.83GHz)

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, 2 X 2.0)
7. RJ-45
8. VGA Out
9. RS-232 Conn.
10. PS/2
11. 12V DC IN

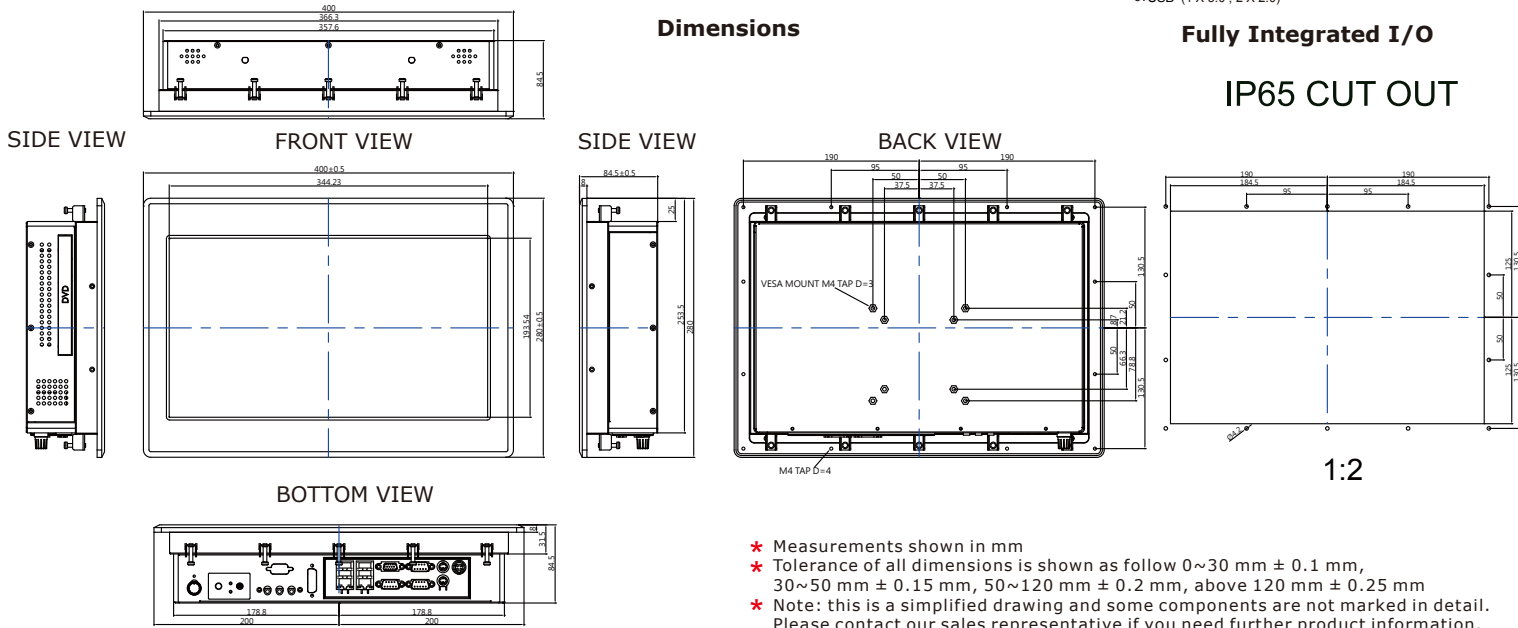
IP65 (8mm front bezel)

Mechanical design

Dimensions

Fully Integrated I/O

IP65 CUT OUT



- \* 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 -1600/1333 MHz SO-DIMM x 2 Slot (MAX 8GB)
- System Chipset : Intel®ATOM SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel® I210-AT GbE LAN x 2
- Audio Codec : Realtek ALC886 HD Audio Codec

#### 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

#### 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

#### Panel Spec

- Size/Type : 15.6" TFT LCD
- Resolutions : 1366 x 768
- Brightness : 300 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M

#### Environment Considerations

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

#### OS BSP / Driver Support

- Support Windows 10 IoT Enterprise  
Windows 7 embedded / Windows 8 embedded

#### Order Options

- |                                     |  |
|-------------------------------------|--|
| Mechanical : IP65                   | Storage : 2.5" HDD mSATA SSD   |
| Touch : 5-Wire Resistive (Optional) | RAM : DDR3 1600 Max 8GB  |
|                                     | OS : Windows 10 IoT Enterprise<br>Windows 7 embedded /<br>Windows 8 embedded<br>(Optional) |
- (A customized housing is needed if you have demands of SAW/IR/IT/SC touch)

