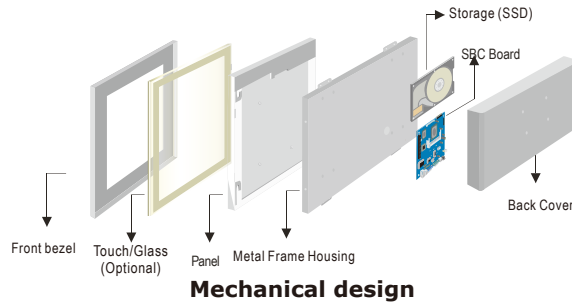


R12IB7T-IPM2WT 12.1" Panel PC (Intel® Celeron® Bay Trail-M N2930, 1.83 GHz)

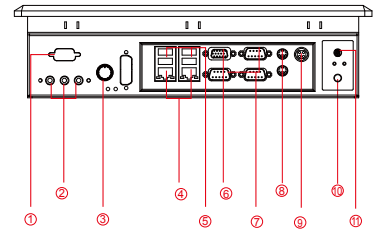
Mechanical Design



IP65(6mm front bezel)



Mechanical design



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

Fully Integrated I/O

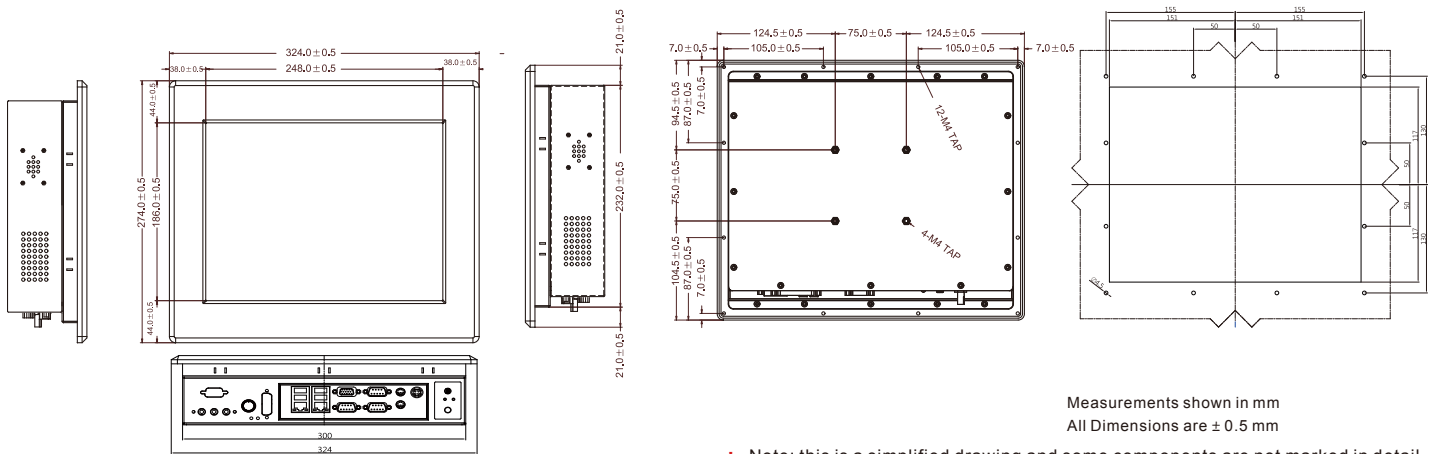
Dimensions

FRONT VIEW

SIDE VIEW

BACK VIEW

IP65 CUT OUT



Measurements shown in mm
All Dimensions are ± 0.5 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.

BOTTOM VIEW

Specifications

System:

- CPU : Intel® Celeron® Bay Trail-M N2930, 1.83 GHz
- Memory Slot : SODIMM DDR3L 1600/1333, 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
- Storage : mSATA SSD 64GB (Default)

Accessories :

- External Adapter : 110~240V AC Power Adapter

Panel Spec :

- Size/Type : 12.1" TFT
- Resolutions : 1024x768
- Brightness : 500cd/m (typ.)
- Contrast Ratio : 700 : 1 (typ.)
- Viewing Angle : $-80\sim 80(H)$; $-70\sim 70(V)$
- Max. Colors : 16.2M / 262K colors

Environment Considerations :

- Operating Temperature : -20°C to 60°C
- Operating Humidity : 30% to 90% (non-condensing)

Order Options :

Touch : 5 Wires Resistive (Optional)

RAM : SODIMM DDR3L
1600/1333, max. 8GB
OS : Windows 10 IoT Enterprise
Windows 7 Embedded
Windows 8 Embedded

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
- Power : 1 x DC-in Power Jack(+12V) • Default: RS232

Expansion Slot :

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

Power Specifications :

- Power input : 12V DC
- Power Consumption : 36W (typ.)(Max.backlight & high CPU load)

