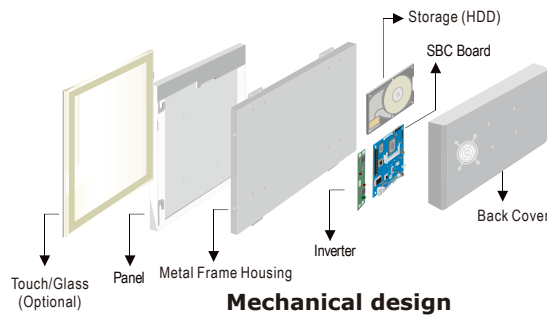


# W24IB7T-IPA2 23.8" Panel PC (Intel® Celeron BayTrail N2930 1.83GHz)

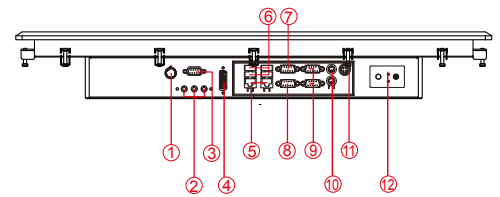
## Mechanical Design



Front IP65



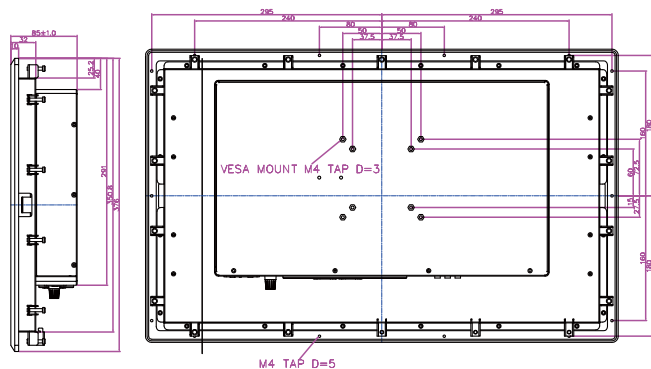
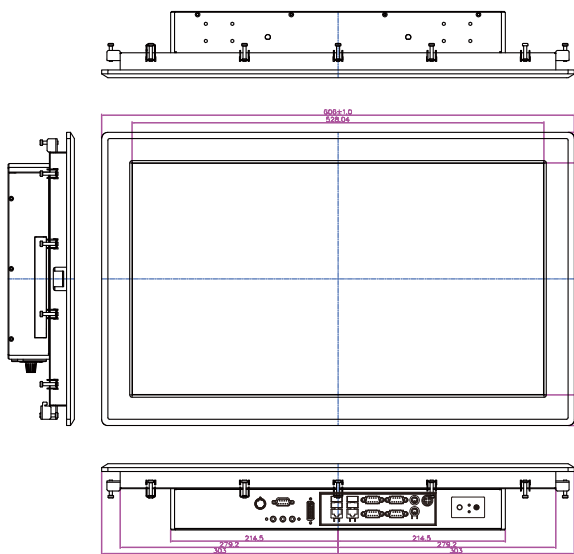
Mechanical design



1. Brightness Adjustment Knob
2. Audio Jack
3. RS-232(Optional)
4. DVI
5. RJ-45
6. USB(1 x 3.0, 3 x 2.0)
7. VGA
8. RS-232/422/485 Conn
9. RS-232
10. PS/2
11. 12V DC IN
12. Power On/Reset Button

## Drawing

## 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 Trail-M N2930 1.83GHz
- Memory Slot : SODIMM DDR3L1600max.8G
- System Chipset : Intel® Atom SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel® I210-AT GbE LAN x 2
- Audio Codec : Realtek ALC888 HD Audio Codec

### 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

### 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 : 100W (typ.)(Max.backlight & high CPU load)

### Accessories :

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

### Panel Spec :

- Size/Type : 23.8" TFT
- Resolutions : 1920 x 1080
- Brightness : 250 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 3000 : 1 (typ.)
- Viewing Angle : -89~89(H); -89~89(V)
- Max. Colors : 16.7M (8 bits/colors)

### Environment Considerations :

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

### OS BSP / Driver Support :

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

### Order Options :

Mechanical : Front IP65	CPU : Check with sales
Touch : 5 Wires Resistive(Optional)	Storage : 2.5" HDD/ 2.5"SSD
	RAM : SO-DIMM DDR3
	OS : Windows 10 IoT Enterprise
	Windows 8 embedded /
	Windows 7 embedded