

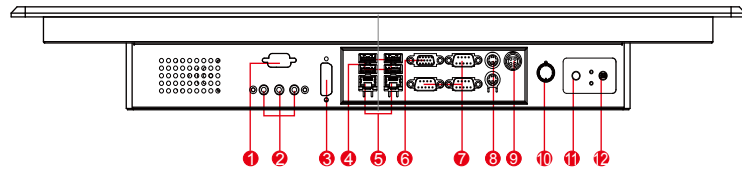
W24IB7T-PPA2 23.8" P-CAP Panel PC (Intel® Celeron® Bay Trial-M N2930, 1.83GHz)

Mechanical Design



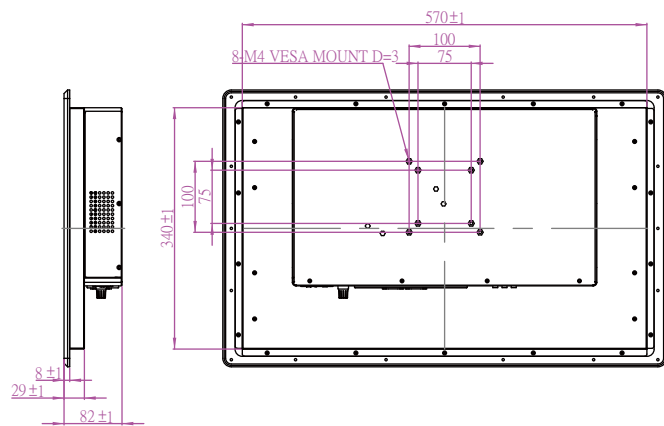
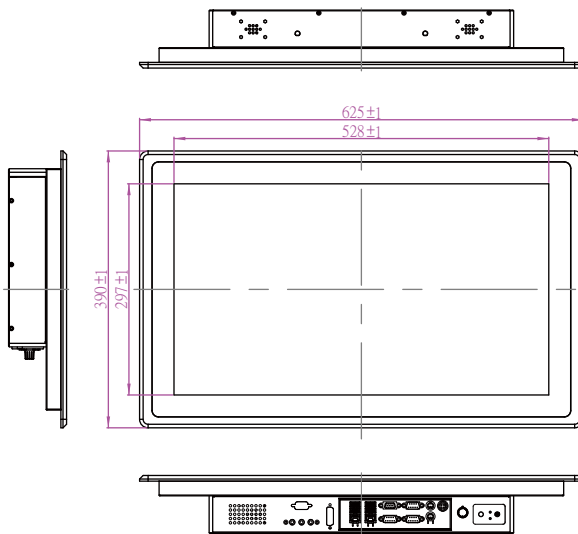
Real Flat Panel Mount (IP65 front side)

Fully Integrated I/O



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

* Only 2 display output at the same time



CUT OUT: 575 x 345 mm

- * Measurements shown in mm
- * All Dimensions are ±
- * 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:

- Processor : Intel® Celeron® Bay Trial-M N2930, 1.83GHz
- System Chipset : Intel® Atom SoC Integrated
- System Memory : SODIMM DDR3L 1600/1333, max. 8GB
- Storage : mSATA SSD 64GB (Default)
- LAN : Intel I210-AT GbE LAN x 2
- Audio Codec : Realtek ALC886 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 RJ45-10/100/1000 Mbps
 - VGA : 1 x VGA (female)
 - Audio : Line-out, Line-in, Mic in
- Default: RS232

Expansion Slot :

- Mini PCIe : 2 x Mini PCIe (1 for WiFi, 1 for 3G Module)

Power Specifications :

- Power input : 12V DC
- Power Consumption : 100W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Adapter : 110~240V AC Power Adapter

Display :

- Size/Type : 23.8" TFT
- Resolutions : 1920x1080
- Brightness : 250 cd/m (typ.)
- Contrast Ratio : 3000 : 1 (typ.)
- Viewing Angle : -89~89(H); -89~89(V)
- Max. Colors : 16.7M (8bits/colors)
- Touch Screen : Projected capacitive multi-touch

Environment Considerations :

- Operating Temperature : 0°C to 50°C
- Operating Humidity : 30% to 90% (non-condensing)
- IP Rating : Front IP65

OS BSP / Driver Support :

- OS : Windows 10 IoT Enterprise
Windows 7 Embedded
Windows 8 Embedded (Optional)