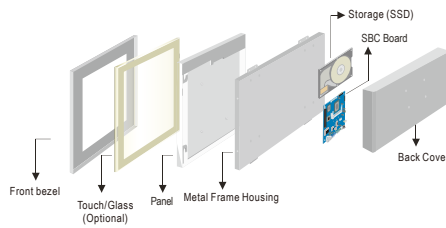


R10IB3S-IPA1WT 10.4" Panel PC (Intel® Celeron® Bay Trail-M N2930, 1.83 GHz)

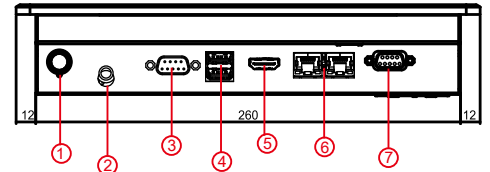
Mechanical Design



IP65 (6 mm front bezel)



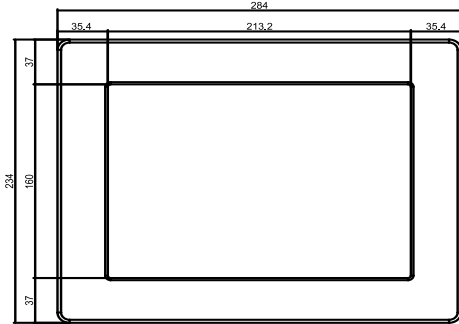
Modularized Construction



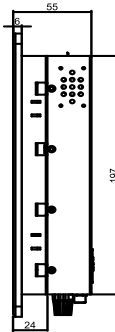
1. Brightness Adjustment knob
2. DC IN Power Jack
3. RS-232
4. USB
5. HDMI
6. RJ-45
7. RS-232 (Optional)

Fully Integrated I/O

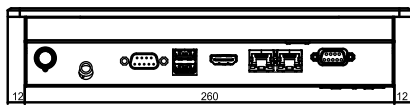
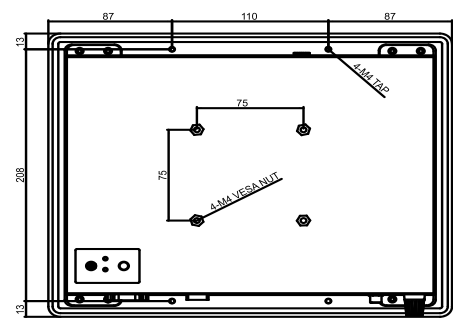
Front View



Side View



Back View



BOTTOM VIEW

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.

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)

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485[○]
- 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 DC-in Power Jack(+12V)

○ 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 : 32W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Adapter : 110~240V AC

Panel Spec :

- Size/Type : 10.4" TFT
- Resolutions : 800 x 600
- Brightness : 400cd/m (typ.)
- Contrast Ratio : 700 : 1 (typ.)
- Viewing Angle : -80~80(H);-70~60(V)
- Max. Colors : 16.2M / 262K (8bits/Color)

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

