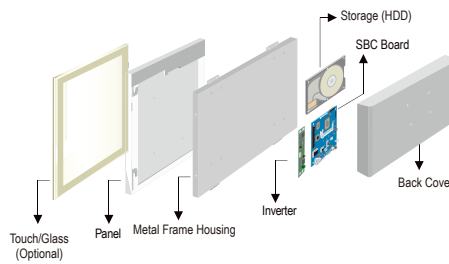


R10IB3S-OFT2 10.4" Panel PC (Intel® Celeron® Bay Trial-M N2930 1.83GHz)

Mechanical Design

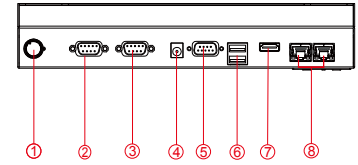


Open Frame



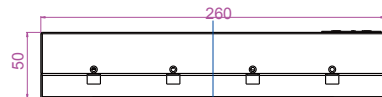
Mechanical design

Dimensions



- 1. Dimming Knob
- 2. RS232(Optional)
- 3. RS232
- 4. 12V DC-in
- 5. RS232/422/485(Default RS232)
- 6. 2 x USB
- 7. HDMI
- 8. 2 x RJ45

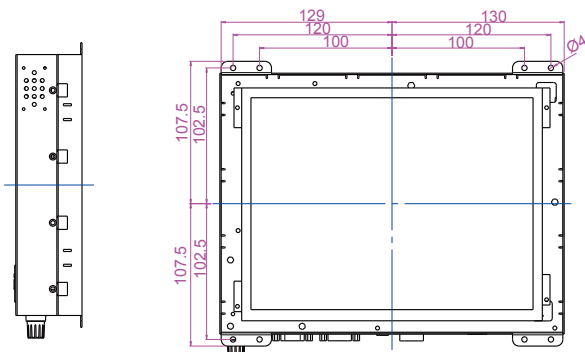
Fully Integrated I/O



FRONT VIEW

SIDE VIEW

BACK VIEW



BOTTOM VIEW

- * 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 ± 0.25mm
- * 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 : SODIMM DDR3L 1600/1333 max. 8G
- 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 : 35W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Panel Spec :

- Size/Type : 10.4" TFT
- Resolutions : 1024 x 768
- Brightness : 350 cd/m²(typ.)
- Contrast Ratio : 1200 : 1(typ.)
- Viewing Angle s : -88~88(H);-88~88(V)
- Max Colors : 16.2M 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 / Windows Embedded 8* / Windows Embedded 7

* For Windows Embedded 8, this panel PC supports the Metro UI, but does not support the Snap View feature

Security Support

- Trusted Platform Module (TPM 1.2)

Order Options :

- | | |
|--|--------------------------------|
| Mechanical : Open Frame | Storage : 2.5" HDD / mSATA |
| Touch : 5-Wires Resistive(Optional) | RAM : SODIMM DDR3L |
| AR Glass (Optional) | 1600/1333 max. 8G |
| (A customized housing is needed if you have demands of SAW/IR/IT/SC touch) | OS : Windows 10 IoT Enterprise |
| | Windows Embedded 8 / |
| | Windows Embedded 7 |

Note: All Specifications are subject to change without prior notice!

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Your Automation Partner

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