

Rugged Panel PC



Model:R10IB3S-VMP1

Product Features:

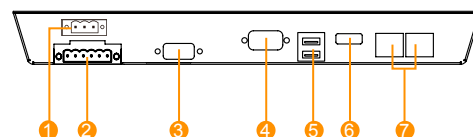
- Ultra Low Bay Trail N2930 1.83GHz Processor Fanless Design
- High Quality 10.4" Panel, 800 x 600 resolution
- Full IP65 Dust / Water Proof Enclosures (Except I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL-STD-810F/G & IEC60068-2-27
- 5 Wire Resistive / Anti-Reflective Protection Glass (Optional)
- Optional GPS, 3G / WLAN(Either one). GPIO / Canbus (Either one)
- Wide Range 9 to 36V DC Input with isolation
- Compliance with EN50155 for EMC & Characteristic

Product Specifications:

| | | |
|------------------------|--|---|
| Display | Model Name | R10IB3S-VMP1 |
| | Size | 10.4" |
| | Resolution (pixels) | 800 x 600 |
| | Number of Colors | 262,144 (6bits/color) |
| | Brightness (cd/m ²) | 600 (typ.) |
| | Contrast Ratio | 400 :1 (typ.) |
| | Viewing Angle | -70~70 (H) ; -70~60 (V) |
| | Touch (optional) | 5 Wire Resistive |
| System | Processor | Intel® Bay Trail N2930 1.83Ghz Processor |
| | Chipset | Bay Trail SoC Chipset |
| | BIOS | AMI 16Mbit Flash |
| | Memory | 1xDDR3L 1600 MHz SO-DIMM, default 4GB, Max. 8GB |
| | Ethernet | Intel® I210-AT GbE LAN |
| | Storage | mSATA SSD, default 64GB |
| | Expansion Slot | 1 x Mini PCIe slot (for wireless module) 1 x Mini PCIe slot (for SATA SSD) |
| Input / Output | Back Panel I/O Port | 2 x RJ-45 (10/100/1000 Mbps) |
| | | 1 x HDMI |
| | | 1 x DC-in Jack (Phoenix type) |
| | | 1 x USB 3.0, 1 x USB 2.0 |
| | | 1 x RS232/422/485, 1 x RS232 |
| | | WLAN antenna SMA in top (Optional) |
| Environment | Operating Temperature | -25 deg.C to 55 deg.C |
| | Storage Temperature | -30 deg.C to 70 deg.C |
| | Humidity | 10% to 95% (non condensing) |
| | Shock* | Operating:30g for 18ms, 300m/s ² |
| | Vibration* | Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz |
| | Power Input | 9~36V DC in with isolation (Phoenix type) |
| | Power Consumption | 35W typ. |
| Mechanical | Dimensions (W x L x H) | 315 mm x 250 mm x 67 mm |
| Driver OS Support | Windows Embedded Standard 7 (64-bit) | |
| | Windows Embedded 8.1 Industry Pro 64-bit | |
| | Windows 10 IoT Enterprise | |
| Certifications | CE/FCC Class B, MIL-STD-810F/G / IEC60068-2-27 for Vibration / Shock | |
| Packing List | (IB32) SBC Manual & Driver CD | |
| Product Optional Items | Mounting Bracket and Kits | One robust bracket with locking handle (Can adjust from -5 deg.C to 90 deg.C) |
| | Sunlight Readable | Transflective film enhancement for optional |
| | Anti-reflective Glass | 3 mm (Replace touch) |
| | WLAN / 3G | Either one |
| | GPS | USB interface |
| | Digital IO / Canbus | Either one |

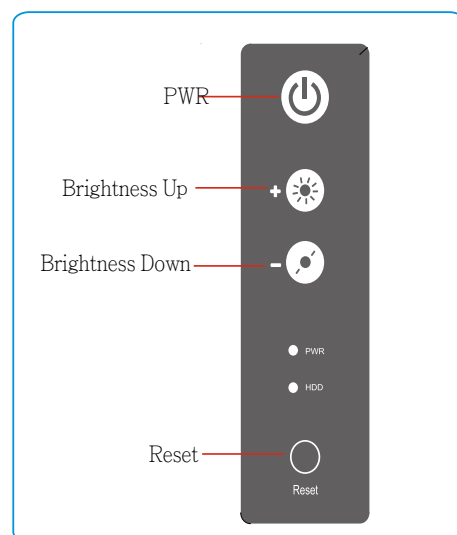


I / O View:



1. 9~36V Terminal Block
2. CanBus / GPIO (Optional)
3. RS232
4. RS232/422/485
5. 1xUSB 3.0 1xUSB 2.0
6. HDMI
7. 2xLAN

Front OSD Control Function:



Drawing w / Mounting bracket:

