



Features

- 8.4" High-quality Resistive Touchscreen
- Intel Bay Trail N2930 1.83GHz Processor
- Anti-Shock/Vibration MIL810F/G & IEC60068-2-27
- Wireless 802.11b/g/n and Bluetooth (optional)
- IP65 Dust/Waterproof (Except I/O parts)
- Extended Temperature Range

Technical Specifications

Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	N2930
Processor Speed	1.83 GHz
Memory Type	1x DDR3 SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	mSATA
Storage Support	32GB-512GB

Display

Screen Size	8.4"
Screen Resolution	800 x 600 (SVGA)
Screen Ratio	4:3
Brightness	600 nits

Touch Screen

Touch Screen	5 Wire Resistive
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External I/O Ports

USB	1x USB 2.0, 1x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Power Input Port	DC-in Jack (Phoenix Type)

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
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Compatibility

Security Hardware

TPM 1.2

Thermal & Environmental

Operating Temperature

-25°C - 55°C (-13°F – 131°F)

Storage Temperature

-30°C - 70°C (-22°F – 158°F)

Cooling Solution

Passive – Fanless

Humidity Range

10% – 95% Non-condensing

Enclosure

Material

Anti-Corrosion Painted

IP Rating

IP65 Front Bezel

Led Indicator Light

HDD Access, Power

Control Buttons

Brightness Down, Brightness Up, Power Button, Power Reset

Shock Rating

Operating: 30g for 18ms, 300m/s2

Weight / Dimensions

Weight

0 kg (0.0 lbs)

Dimensions

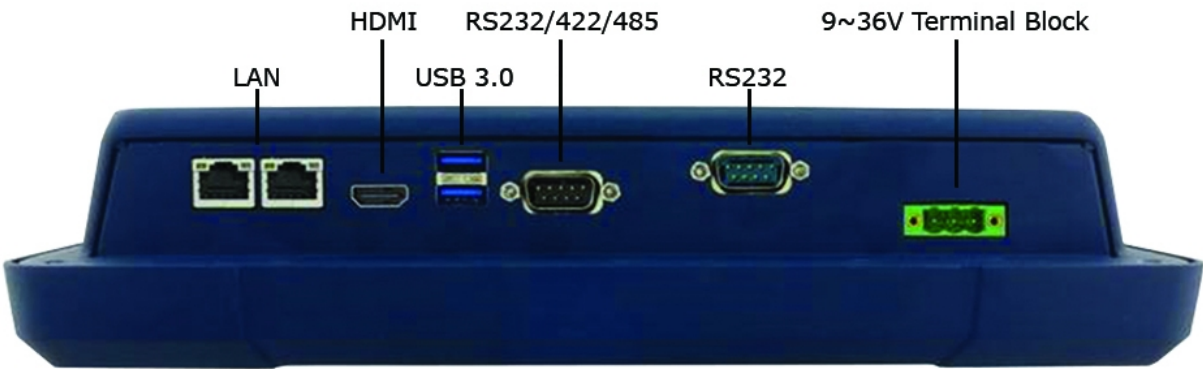
277 x 59.7 x 219.5 mm (10.9 x 2.4 x 8.6 in)

Warranty

Warranty

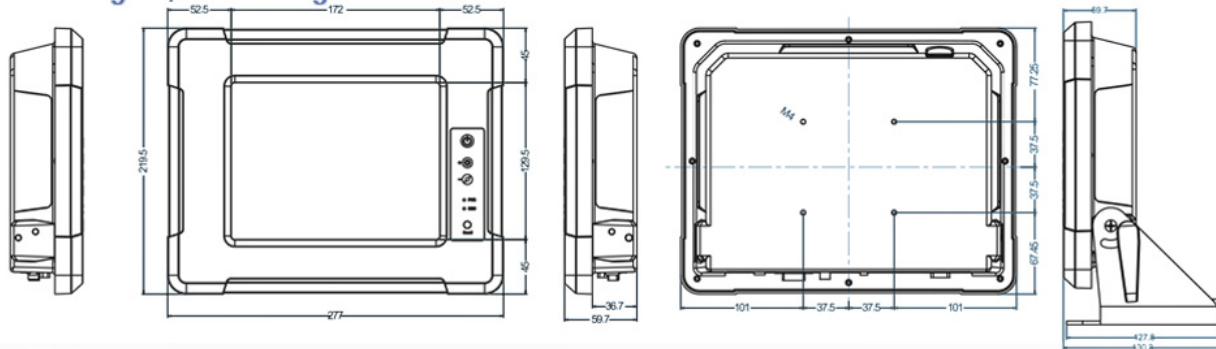
Up to 2 Years

I/O Diagram Images

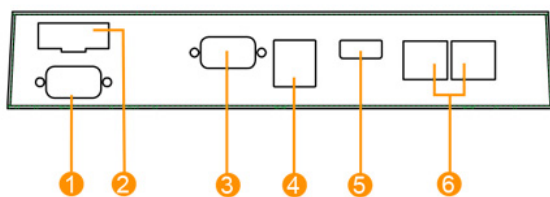


Tech Diagram Images

Drawing w / Mounting bracket:

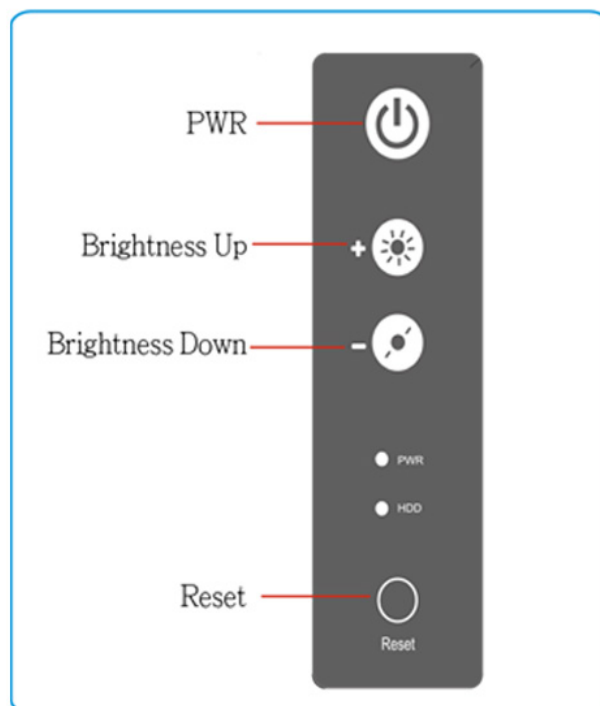


I / O View:



- | | |
|-------------------------|-------------------------|
| 1. RS-232 | 4. 1xUSB 3.0, 1xUSB 2.0 |
| 2. 9~36V Terminal Block | 5. HDMI |
| 3. RS-232 | 6. 2xRJ45 |

Front OSD Control Function:



All specifications are subject to change without notice.