TEGUAR

TR-2920-08

08" Rugged Panel PC



Key Highlights

- 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

VIEW ONLINE

The highly ruggedized TR-2920-08 fanless touchscreen computer features a solid aluminum housing with anti-corrosion treatments. To ensure reliable performance in even the most demanding environments, the TR-2920-08 was designed with an IP65 dust and waterproof rating, a wide operating temperature range of -25°C to 55°C(-13°F to 131°F), and shock/vibration resistance that meets both MIL-STD-810F/G and IEC60068-2-27 standards. This fanless PC employs a Bay Trail N2930 1.83 GHz processor and up to 8GB of RAM. The TR-2920-08 provides a compact, rugged solutuion for your demanding aplication.

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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

Operating Systems

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

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

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

Specifications subject to change.

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

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)

Enclosure

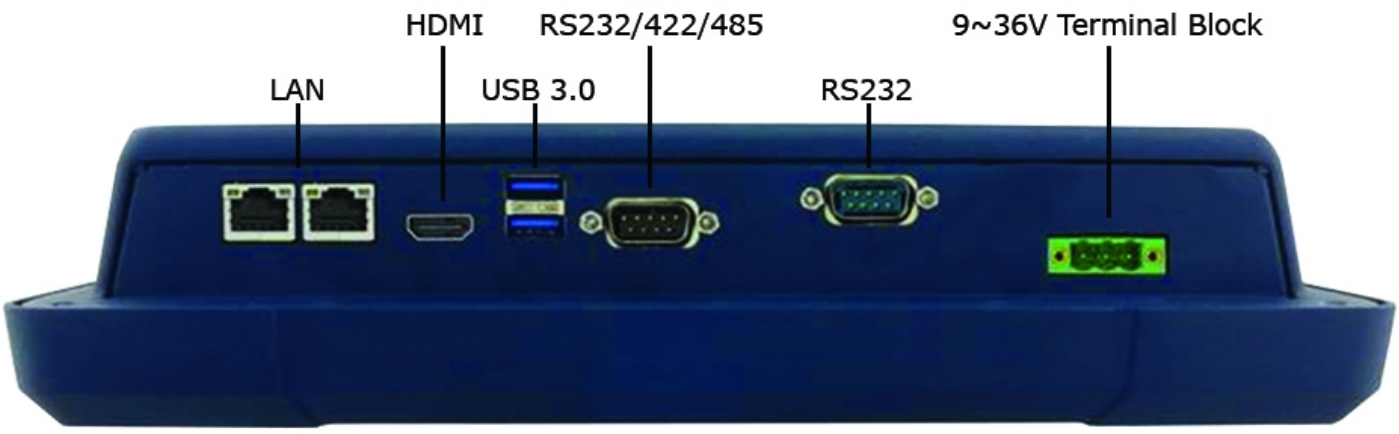
Material	Anti-Corrosion Painted
IP Rating	IP65 Front Bezel
Led Indicator Light	HDD Access, Power
Control Buttons	Brightness Down, Brightness Up, Power Button, Power Reset
Shock Rating	Operating: 30g for 18ms, 300m/s2

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I/O Diagram Images



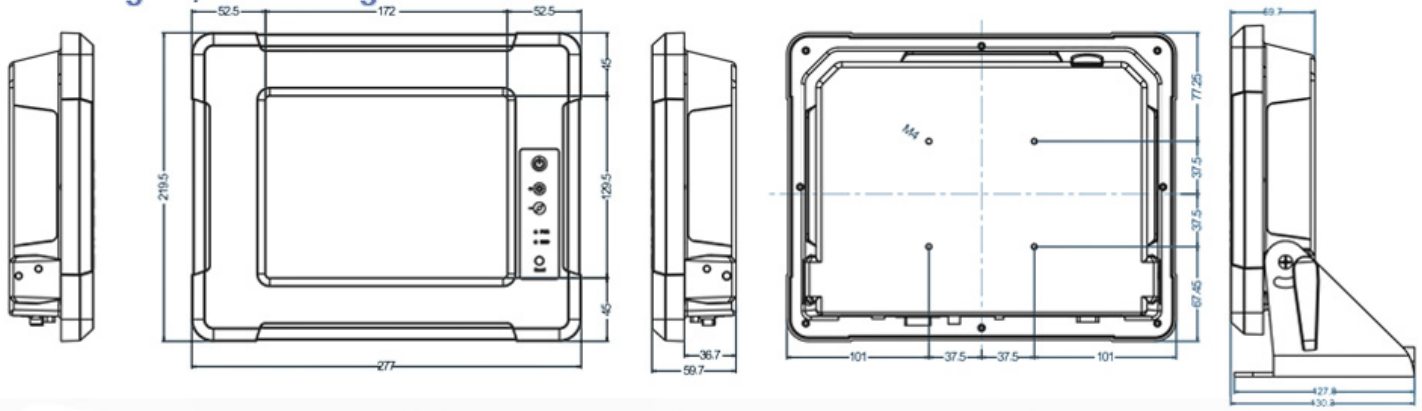
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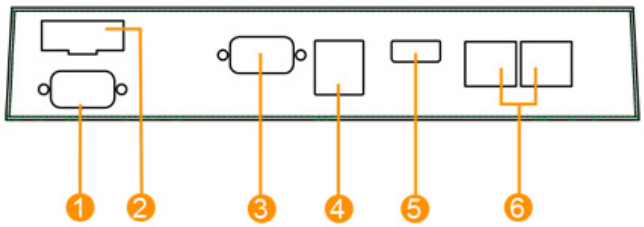
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Tech Diagram Images

Drawing w / Mounting bracket:

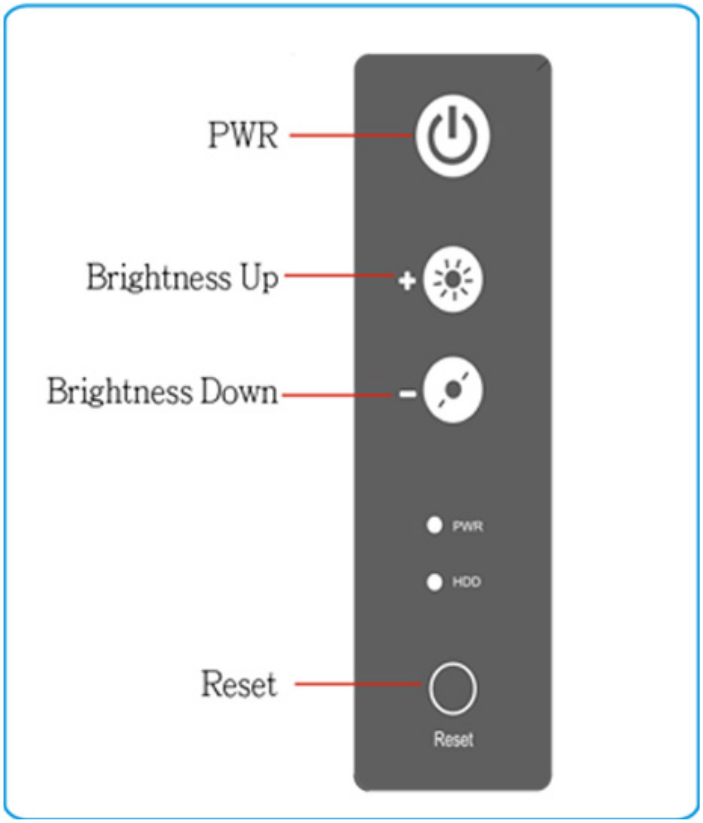


I / O View:



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

Front OSD Control Function:



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