

TP-2945-08

8" Fanless Panel PC



Key Highlights

- 08" Full Flat Panel Touch Screen
- Bay Trail Celeron N2930 Quad-Core CPU
- Very low Power Use with Fanless Design
- Onboard DDR3L 4GB Memory
- IP66 Protected Front with Aluminum Housing
- 2 Pin Connector for Power Switch

[VIEW ONLINE](#)

The TP-2945-08 fanless [panel PC](#) is a very durable compact touch screen computer. It is ideal to be used as a check in station for employees or in conjunction with MES (Manufacturing Execution Systems) software. The 08" true flat touchscreen panel is made to handle high traffic use and is easy to interact with. The TP-2945-08 has accessible storage through the back panel along with eight input/outputs tucked neatly under the panel. The enclosure is a tough die-cast aluminum and the inside components are industrial grade made for 24/7 use. Power usage is kept to a minimum with the SoC chipset. The IP66 front rating ensures that the panel pc will endure contact with water, dust, and particles which can be easily wiped clean. This fanless panel PC is a reliable and well-priced choice, great for extended factory use.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	N2930
Processor Speed	1.83 GHz
Memory Type	Onboard DDR3
Memory Support	4GB
Storage Type	1.8" Half Size MO297 SATA Drive Bay
Storage Support	32GB-256GB

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V AC/DC Adapter

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro
Linux	Linux (Contact your sales rep for more information)

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F - 122°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless with Heatsink
Humidity Range	10% - 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional WiFi
Bluetooth	Optional Bluetooth 4.0
Mobile Network 4G LTE	Optional 4G

Warranty

Warranty	Up to 5 Years
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Specifications subject to change.

Display

Screen Size	8"
Screen Ratio	4:3
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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External I/O Ports

USB	2x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1), 1x RS-232 DB-9(COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Other Ports	1x 2-Pin DC Power Switch Connector
Audio Ports	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Enclosure

Material	Aluminum
IP Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA 75 Mount

Weight / Dimensions

Weight	1.8 kg (4.0 lbs)
Dimensions	231 x 176 x 50 mm (9.1 x 6.9 x 2.0 in)

Certification

Certifications	CE, FCC Class A, UL 60950
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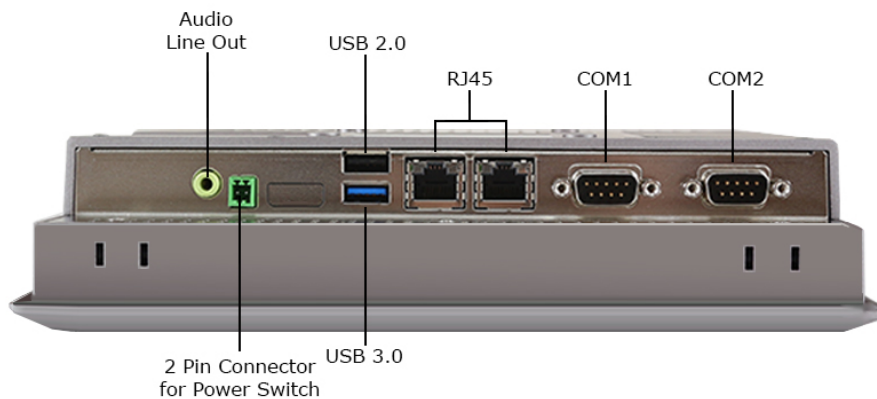
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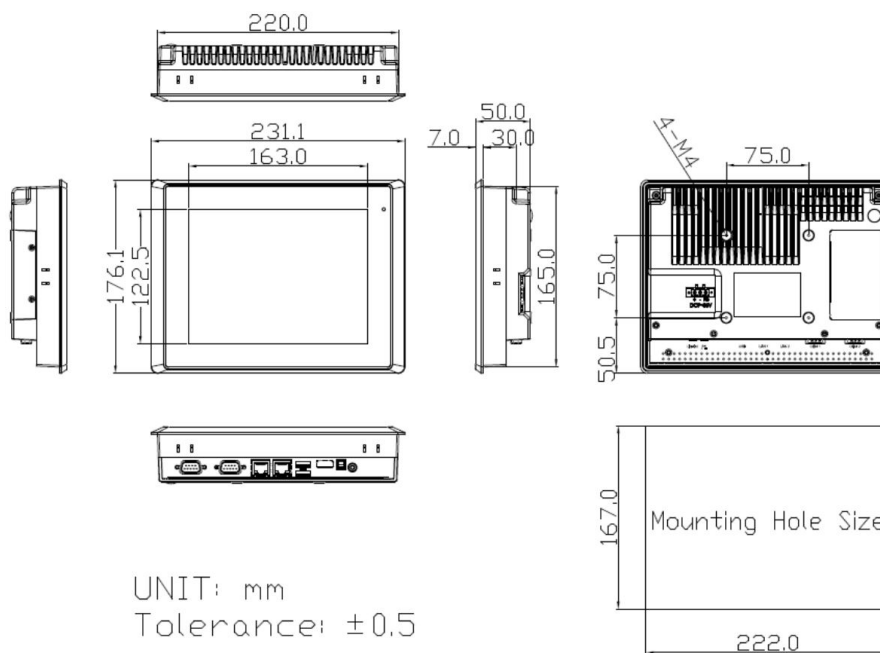
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I/O Diagram Images



Tech Diagram Images



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