

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.

USA

Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE

Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

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 |

Certification

| | |
|----------------|---------------------------|
| Certifications | CE, FCC Class A, UL 60950 |
|----------------|---------------------------|

Specifications subject to change.

Display

| | |
|-------------------|---|
| Screen Size | 8" |
| Screen Resolution | 800 x 600 (SVGA) |
| Screen Ratio | 4:3 |
| Brightness | 350 nits, Optional 1000 nit High Brightness |

Touch Screen

| | |
|--------------|---------------------------------|
| Touch Screen | Projected Capacitive, Resistive |
|--------------|---------------------------------|

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) |

Warranty

| | |
|----------|---------------|
| Warranty | Up to 5 Years |
|----------|---------------|

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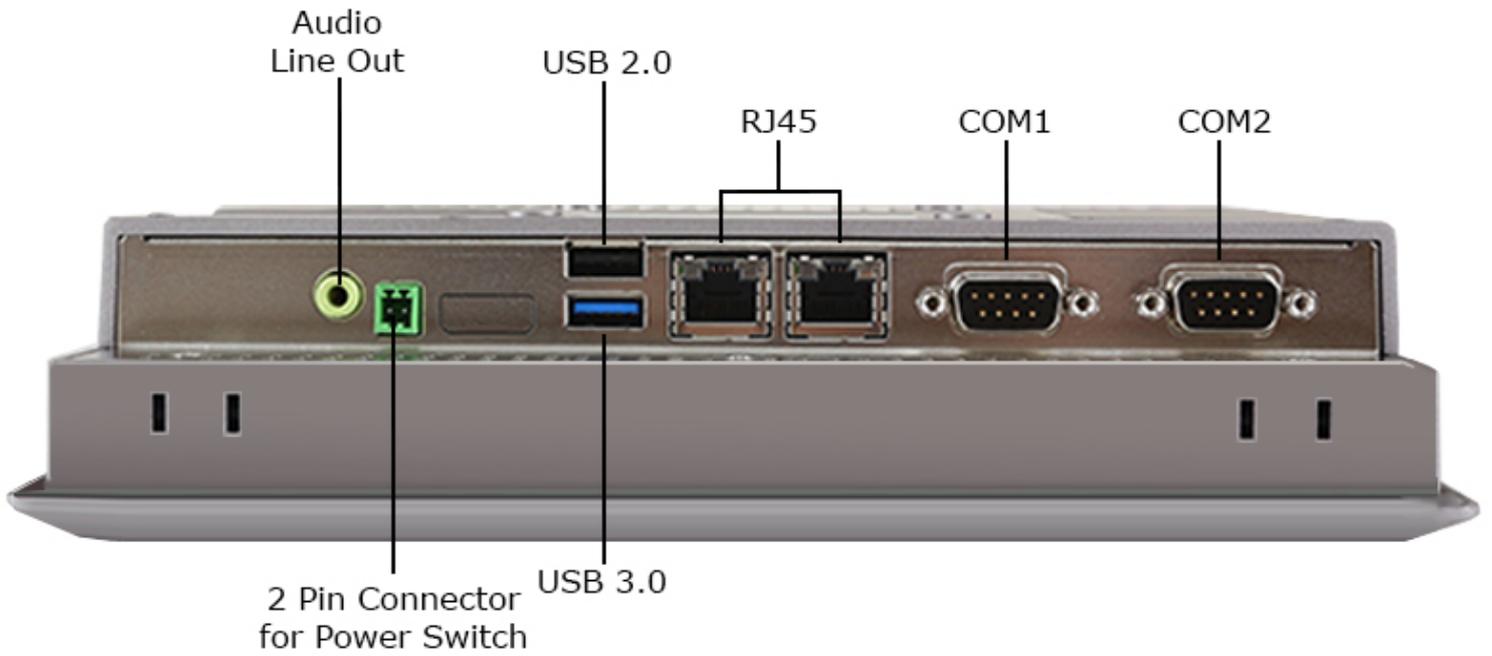
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I/O Diagram Images



USA

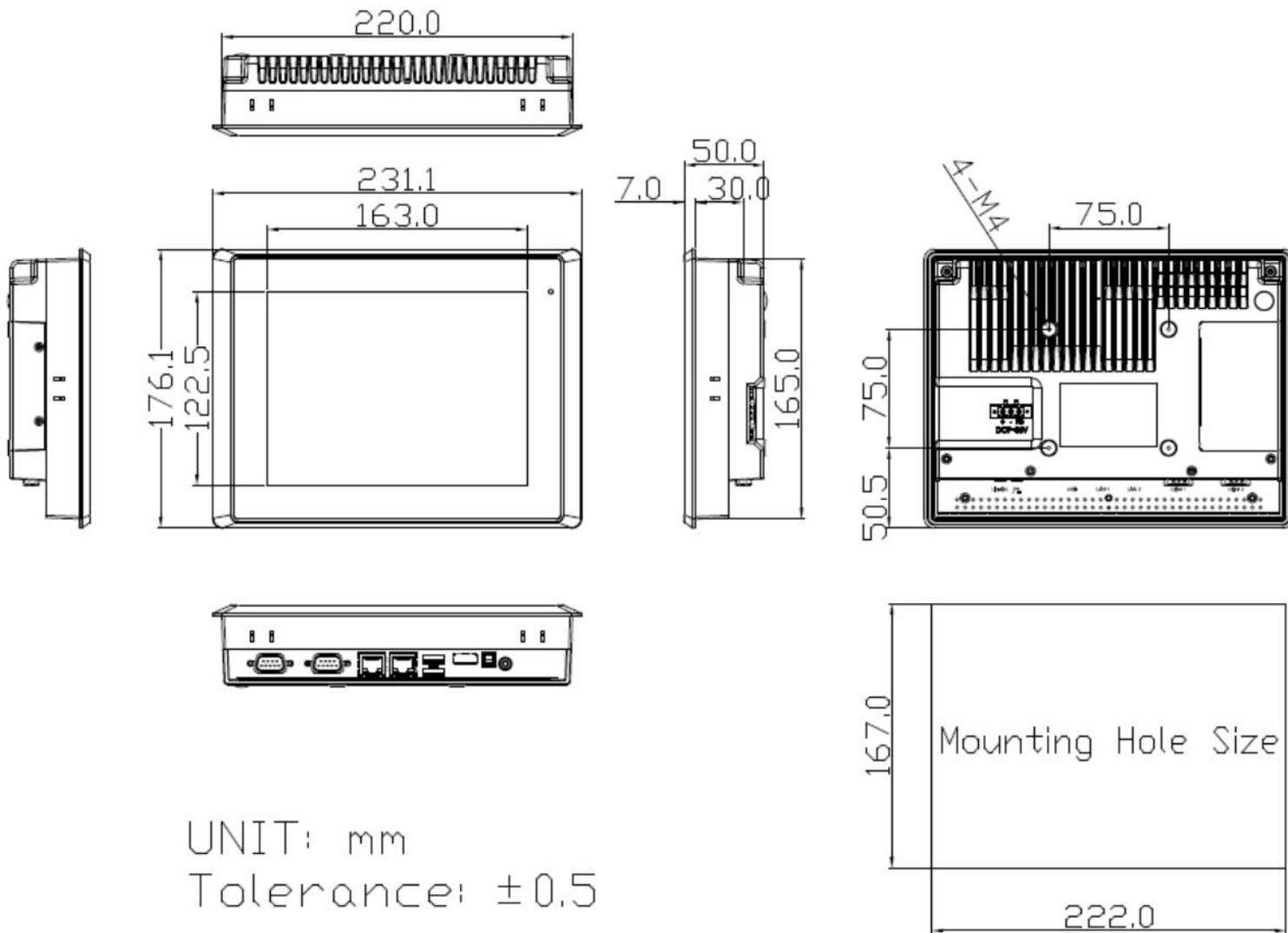
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