TEGUAR

TP-4010-12

12" Industrial Touchscreen PC



Key Highlights

- 12" Display with 800 x 600 Resolution
- Bay Trail Celeron J1900 Quad-Core CPU
- Highly Reliable Thermal Design for 24/7 Use
- Resistive Touchscreen with IP66 Front Bezel
- 2 Mini PCIe Sockets for add-on Expansion

VIEW ONLINE

The TP-4010-12 industrial panel PC features a Bay Trail Celeron J1900 quad-core CPU and up to 8GB of RAM. This unit makes use of a system on chip (SoC) architecture to improve the efficiency of the computer. This 12" panel mount resistive touchscreen PC has an IP66 dust and waterproof rated front bezel and can be panel or VESA mounted.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	J1900 Quad Core
Processor Speed	2.0 GHz
Memory Type	2x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

Power

Input Voltage Range	7-32V DC
Max Power Consumption	28.2W
Standard Power Adapter	AC 90~264V / 47~63Hz / DC Output 12V, 57W

Operating Systems

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

Compatibility

Security Hardware	Optional TPM 2.0

Enclosure

Material	Aluminum, Optional Stainless Steel Bezel, Steel
IP Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA Mount

Weight / Dimensions

Weight	4.5 kg (9.9 lbs)
Dimensions	369 x 290 x 55 mm (14.5 x 11.4 x 2.2 in)

Specifications subject to change.

Display

Screen Size	12"
Screen Resolution	800 x 600 (SVGA)
Screen Ratio	4:3
Brightness	450 nits

Touch Screen

Touch Screen	Resistive

External I/O Ports

USB	1x USB 3.0, 3x USB 2.0
Serial / Com	3x COM
Serial Protocol Detail	2x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control)
Ethernet / LAN	2x RJ45 GbE LAN
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	4-Pole DIN (latching)

Thermal & Environmental

Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 65°C (-4°F ~ 149°F)
Cooling Solution	Passive – Fanless with Heatsink
Humidity Range	10% ~ 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional WLAN

Warranty

Warranty	Up to 5 Years

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I/O Diagram Images



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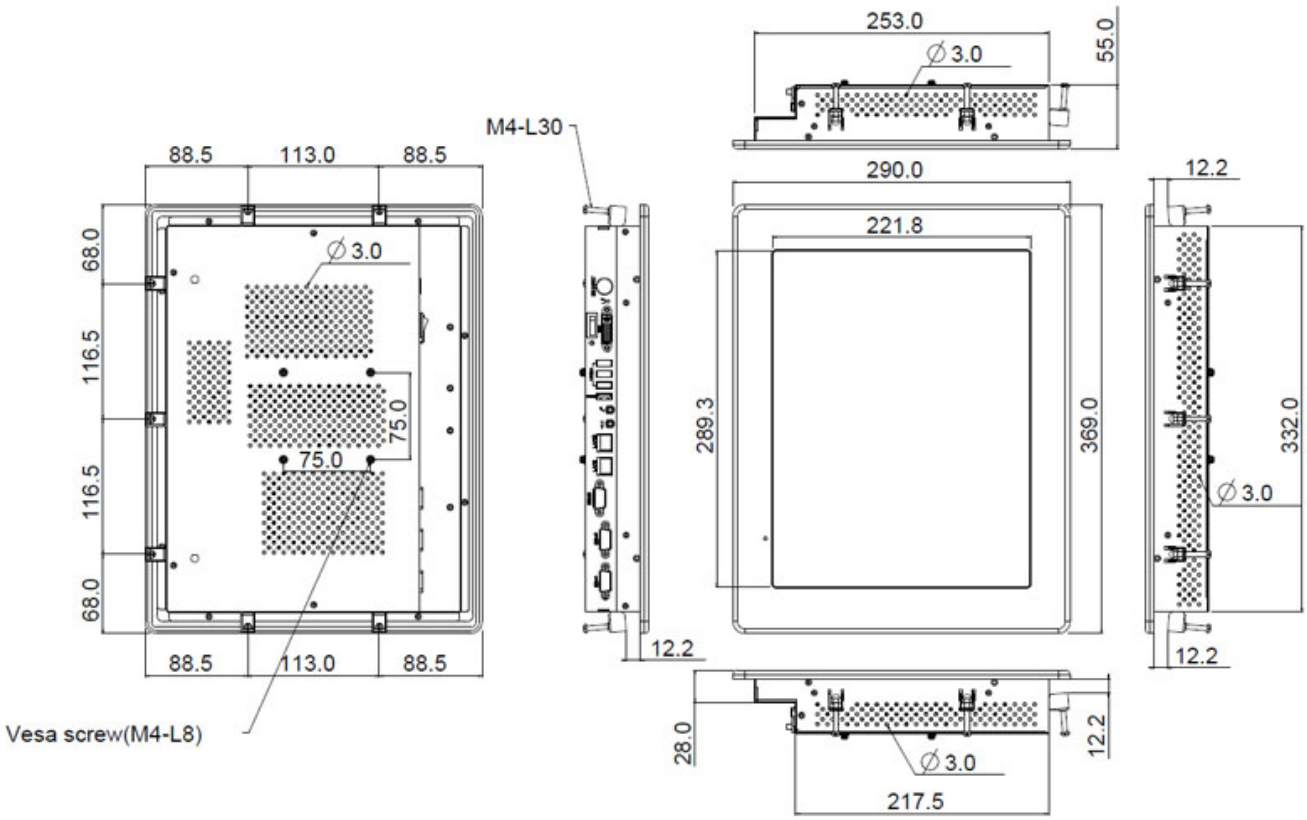
Tech Diagram Images



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