

TSP-4845-10

10" Stainless Panel PC



Key Highlights

- 10.1" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Processor
- Windows 11 Operating System
- IP66/IP69K Stainless Steel Front Bezel
- Fanless and Lightweight Design

[VIEW ONLINE](#)

The 10" Stainless [Panel PC](#) strikes a balance between portability and functionality, catering to diverse industrial needs. Equipped with Windows 11 compatibility and Celeron J6412 CPU, it guarantees smooth operation. Its IP66/IP69K compliant stainless steel front bezel safeguards against water and harsh chemicals, making it suitable for food & beverage and pharmaceutical industrials. The aluminum back enclosure ensures a lightweight design and convenient access to inputs and outputs. With an optional smart battery, it becomes a reliable and efficient computer solution for your industrial environment.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412 Quad
Processor Speed	2.0 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 M Key, PCIe or SATA, 2242 default or 2280
Storage Support	128GB-1TB

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V 5A AC/DC Adapter

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11
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Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
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Enclosure

Material	Aluminum, Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66 Front Bezel, IP69K Front Bezel
Color	Silver, Stainless Steel
Mounting Options	Panel Mount, VESA 100 Mount

Peripherals & Wireless Connectivity

WiFi	Optional 802.11 ac + Bluetooth with External Antennas
Bluetooth	Optional Bluetooth 4.0

Certification

Certifications	CE, EN 1672-2 Complaint (PCAP Touchscreen Only), FCC Class A
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Specifications subject to change.

Display

Screen Size	10.1"
Screen Ratio	16:10
Brightness	450 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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External I/O Ports

USB	2x USB 2.0, 2x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1)
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort
Audio Ports	1x Audio Line-Out
Power Input Port	DC-in Jack (Phoenix Type)

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F - 122°F), -20°C - 60°C (Optional -4°F - 140°F)
Storage Temperature	-30°C - 70°C (-22°F - 158°F)
Cooling Solution	Passive - Fanless
Humidity Range	10% - 95% Non-condensing
Storage Humidity	10% - 90% Non-condensing

Weight / Dimensions

Weight	2.5 kg (5.5 lbs)
Dimensions	296 x 200 x 47 mm (11.7 x 7.9 x 1.9 in)

Warranty

Warranty	Up to 5 Years
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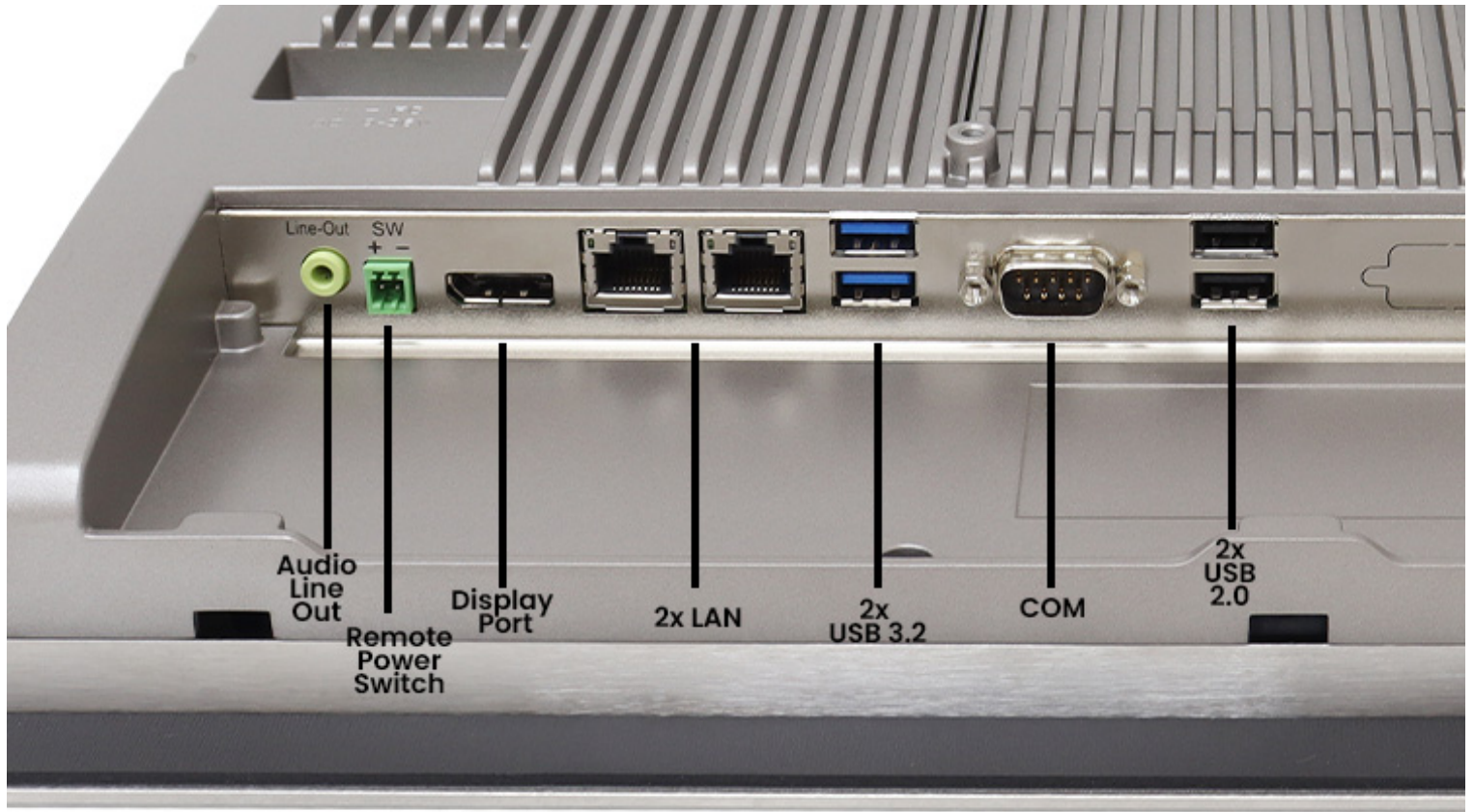
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I/O Diagram Images



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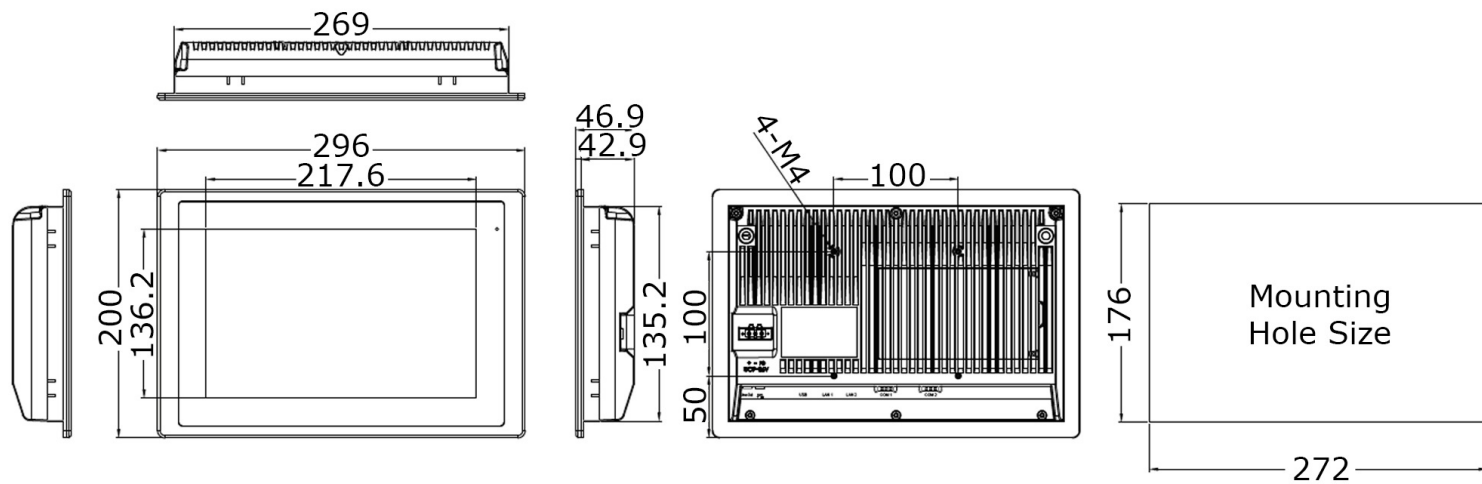
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Tech Diagram Images



Unit: mm
Tolerance: +/- 0.5

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