

# TSP-4845-17

17" Stainless Panel PC



## Key Highlights

- 17" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Processor
- Windows 11 Operating System
- IP66/IP69K Stainless Steel Front Bezel
- Aluminum back enclosure

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The 17" Stainless [Panel PC](#) has an IP66/IP69K compliant front bezel that provides robust protection against water and harsh chemicals, making it an excellent choice for food and beverage application. Its aluminum back enclosure keeps it lightweight and allows for easy access to inputs and outputs. This unit runs on an Intel Celeron J6412 CPU and is Windows 11 compatible, ensuring a seamless user experience. With an optional smart battery, it becomes a reliable and efficient computing solution for your industrial environment.

### USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
[sales@teguar.com](mailto:sales@teguar.com)

### EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
[sales.EU@teguar.com](mailto: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](mailto:sales@teguar.com.tw)

# 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 IoT, Windows 11 Pro
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## Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
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## 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	6.4 kg (14.1 lbs)
Dimensions	449 x 358 x 63.8 mm (17.7 x 14.1 x 2.5 in)

## Warranty

Warranty	Up to 5 Years
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Specifications subject to change.

## Display

Screen Size	17"
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
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 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)

## 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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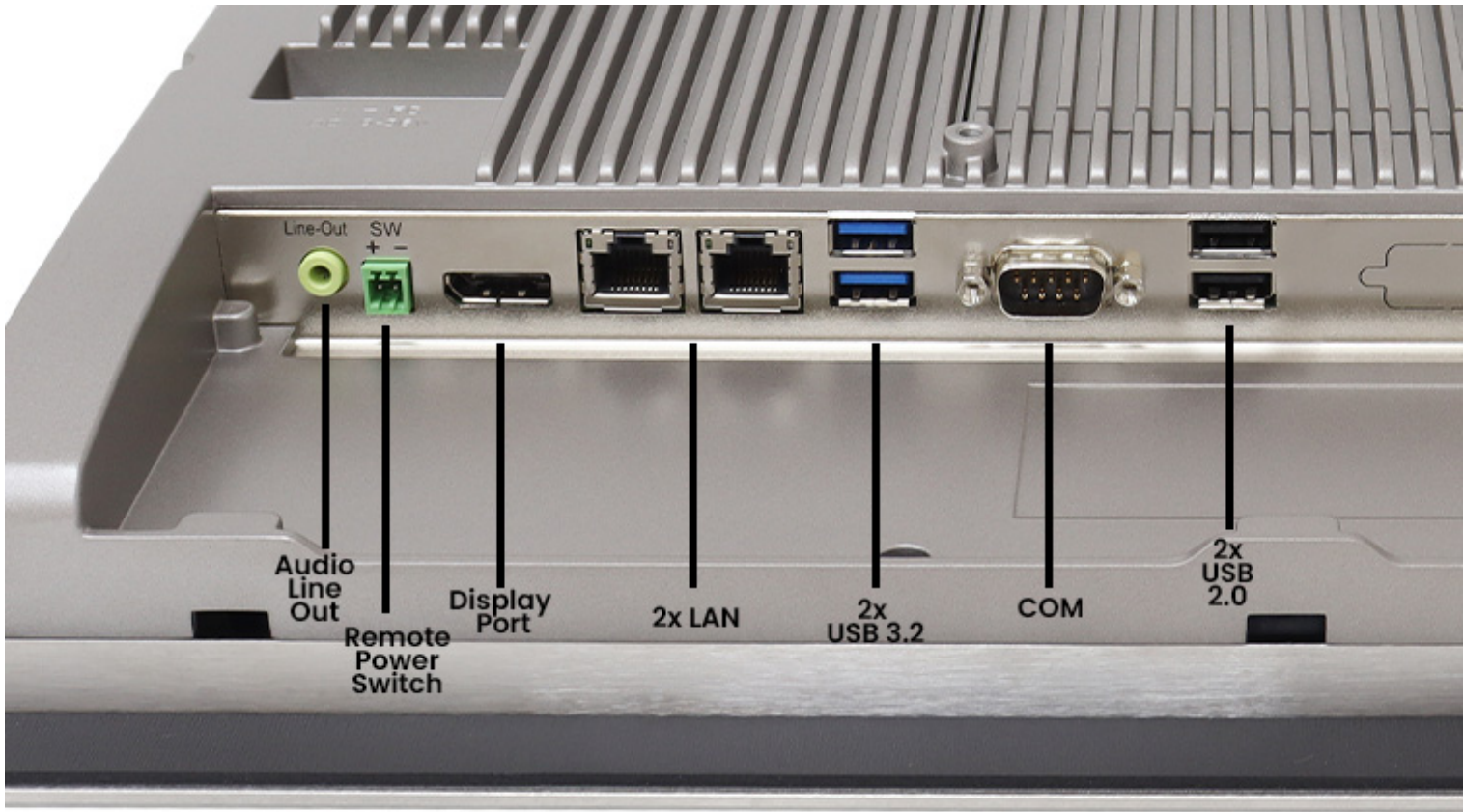
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# I/O Diagram Images



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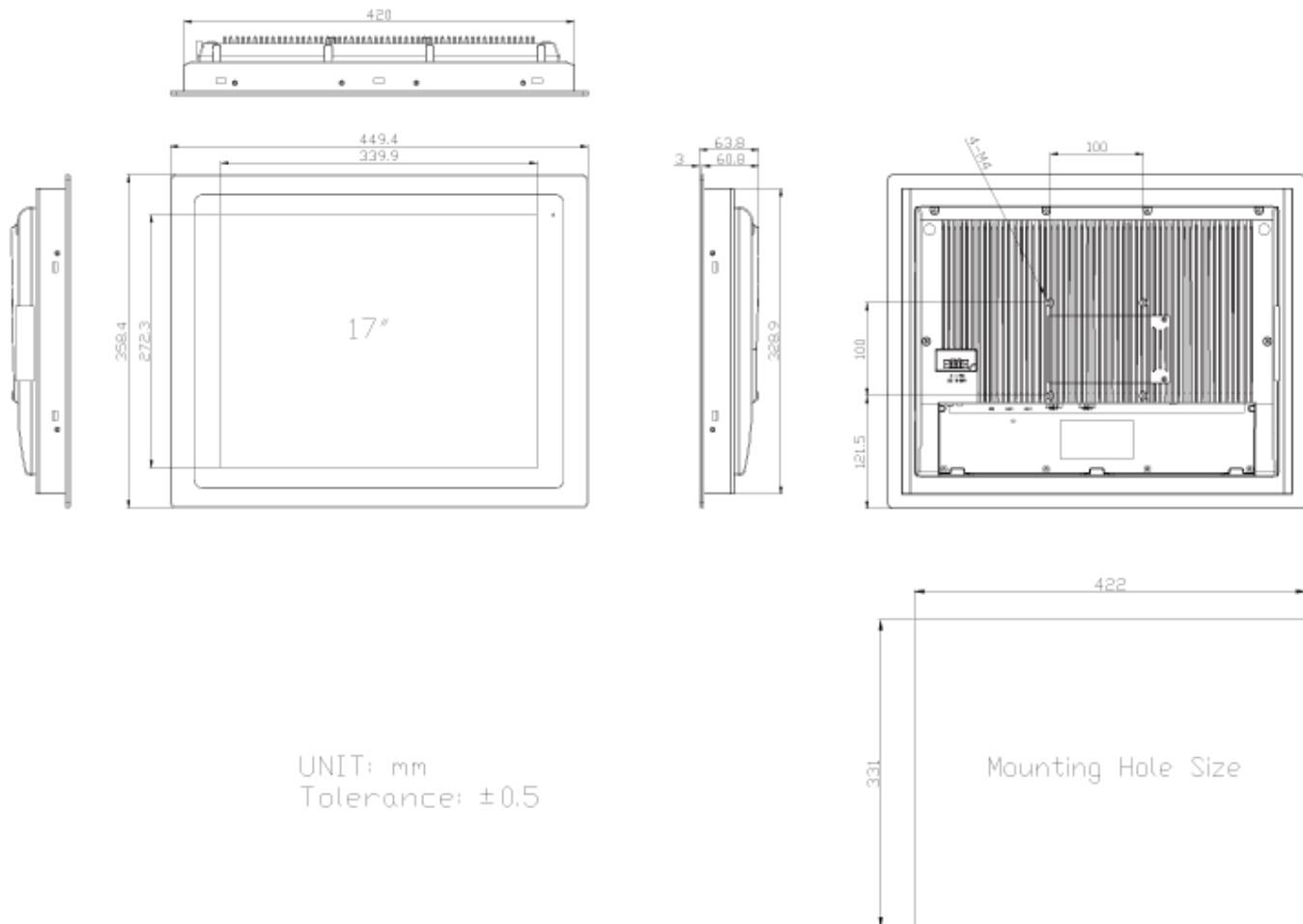
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# Tech Diagram Images



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