

TS-4810-22

22" Stainless Steel Panel PC



Key Highlights

- 21.5" Full-Flat Touchscreen
- Waterproof Connectors and Power Supply
- Intel Celeron J6412 CPU with Windows 11 Capabilities
- Fanless and Fully Sealed Design
- IP66 / IP69K Rated

[VIEW ONLINE](#)

The 22" Stainless Steel Panel PC has a large widescreen display, ideal for easy readability in your food processing plant or washdown environment. The housing of this computer is fully sealed and waterproof, being IP66/ IP69K rated. M12 metal I/O connectors ensure that no water gets inside the computer during powerful washdowns. Inside the unit, the TS-4810-22 is made with industrial components and has an Intel Celeron J6412 CPU that is able to run Windows 11 Operating System.

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Technical Specifications

Primary Components	
Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	Up to 2.6 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 SATA3 2280 Slot
Storage Support	64GB-2TB

Power	
Input Voltage Range	12-28V DC
Standard Power Adapter	AC 100-240V / 47 ~ 63Hz, IP68, 60W

Operating Systems	
Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
Linux	Linux Ubuntu 20.04 or above (Contact your sales rep for more information)

Compatibility	
Security Hardware	fTPM 2.0

Multimedia	
Speakers	Optional Speaker

Enclosure	
Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K, NEMA 4X, Optional IP67
Color	Stainless Steel
Control Buttons	Power Button
Mounting Options	Table Mount, VESA 100 Mount, Wall Mount

Weight / Dimensions	
Weight	12 kg (26.5 lbs)
Dimensions	557 x 349 x 59 mm (21.9 x 13.7 x 2.3 in)

Warranty	
Warranty	Up to 5 Years

Specifications subject to change.

Display	
Screen Size	21.5"
Screen Ratio	16:9
Brightness	250 nits

Touch Screen	
Touch Screen	5 Wire Resistive, Projected Capacitive (Multi-touch)
Hardness	Resistive: 3H, P-cap: 7H

External I/O Ports	
USB	2x MI2 8Pin for USB 1/2 and USB 3/4
Serial / Com	2x MI2 8-pin for COM
Serial Protocol Detail	2x RS-232/422/485 (configured in BIOS)
Ethernet / LAN	1x MI2 8 pin RJ45 2.5Gbit LAN
Other Ports	MI2 Ports can be configured as needed. Example: 2nd LAN or 3rd COM port
Power Input Port	MI2 type 5-PIN DC-in

Expansion Slots	
Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option)

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
Humidity Range	10% ~ 90% Non-condensing
Storage Humidity	10% ~ 90% Non-condensing

Peripherals & Wireless Connectivity	
WiFi	Optional WiFi + Bluetooth Flat Antenna Kit, Supports WIFI 6 (AX)
Bluetooth	Optional Bluetooth 5.2
Barcode Scanner	Optional 1D/2D Barcode Scanner

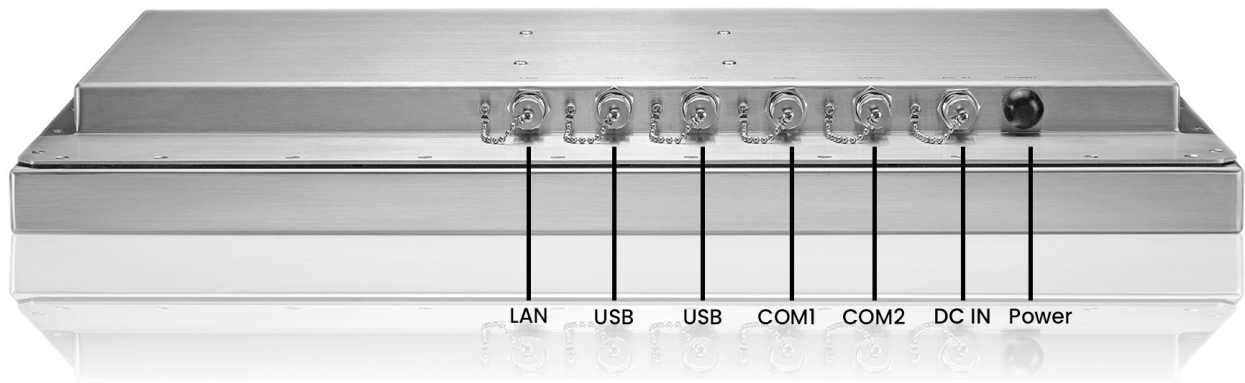
Certification	
Certifications	CE, FCC, VCCI

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I/O Diagram Images



USA

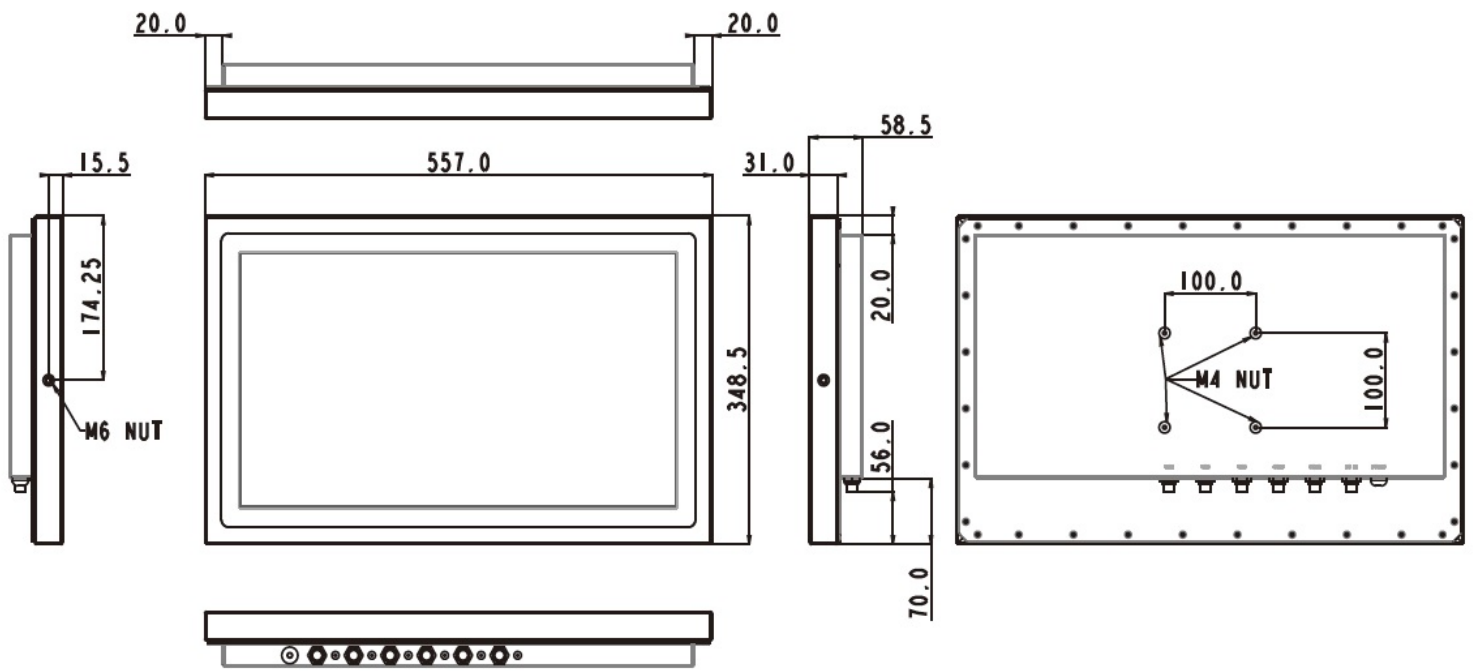
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