

TS-4810-15

15" Stainless Steel Panel PC



Key Highlights

- 15" Waterproof Touchscreen
- Intel Celeron J6412 CPU with Windows 11 Capabilities
- IP66 / IP69K Rated
- Waterproof Connectors and Power Supply
- Fanless Operation

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The TS-4810-15 is a fully flush front, waterproof computer designed for food processing and repeated cleanings in washdown environments. The housing is fully sealed stainless steel, meaning there are no crevices where dirt and debris can collect. Inside the computer are industrial-grade components and an Intel Celeron J6412 that is capable of running the Windows 11 Operating System. Multiple inputs and outputs are located on the back side of the unit and have M12 metal I/O connectors to ensure that no water gets in during powerful washdowns.

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 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	8.4 kg (18.5 lbs)
Dimensions	395 x 310 x 58 mm (15.6 x 12.2 x 2.3 in)

Warranty	
Warranty	Up to 5 Years

Specifications subject to change.

Display	
Screen Size	15"
Screen Ratio	4:3
Brightness	350 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

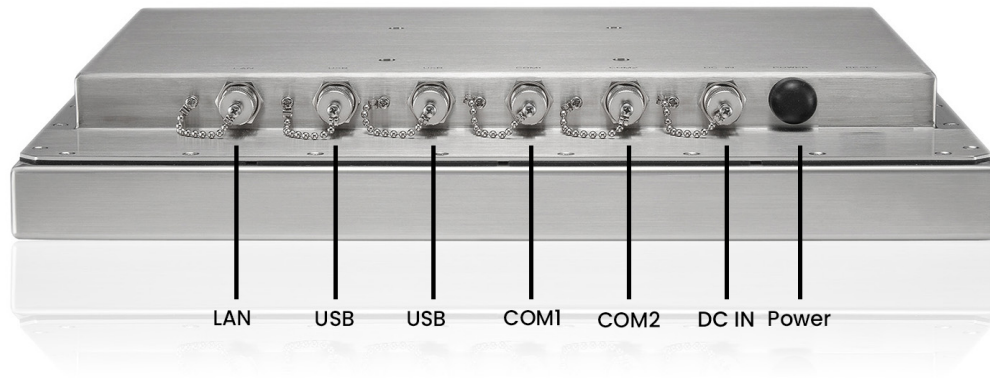
Certification	
Certifications	CE, FCC, VCCI Class B

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I/O Diagram Images



USA

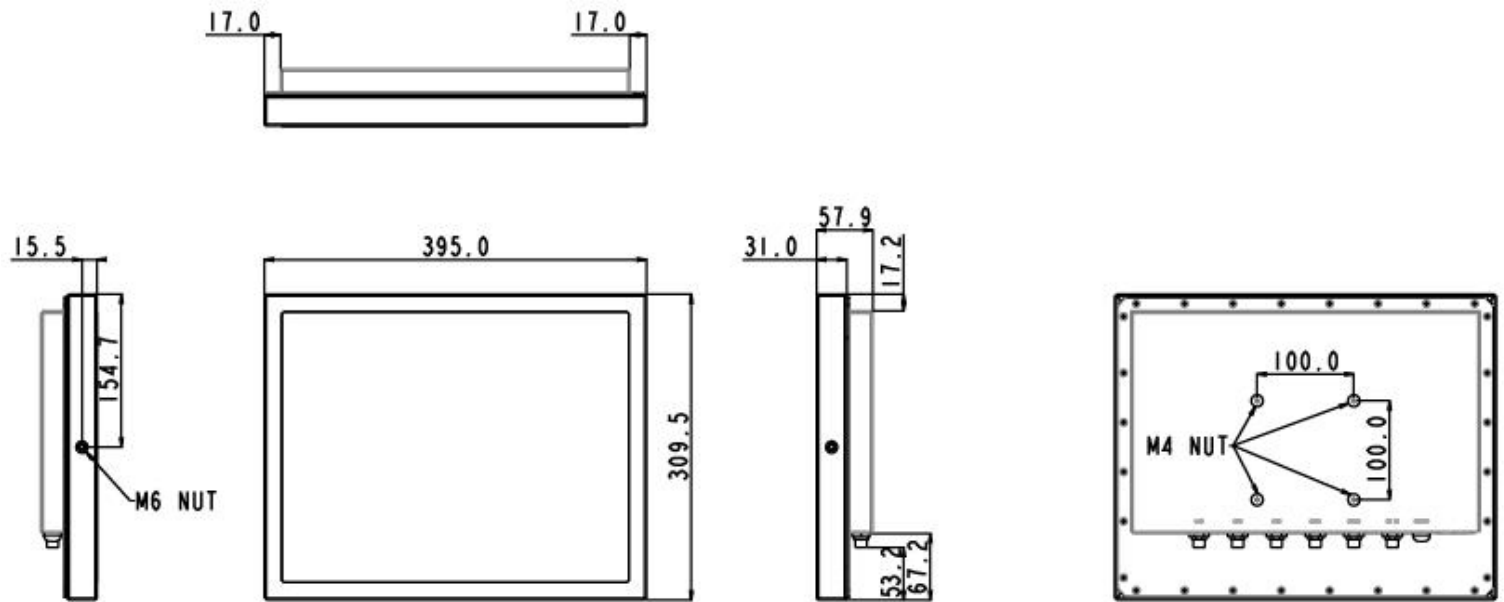
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