

TS-7010-15

15" Stainless Steel Computer | Trident



Key Highlights

- 15" LCD Touchscreen Display
- Intel 12th Generation i5 Processor 9300
Passmark score
- Windows 11
- i7 CPU Upgrade Option
- IP69K Waterproof M12 Connectors

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Introducing the 15" Stainless Steel Computer, a technological powerhouse designed for resilience and precision in demanding environments. Constructed from stainless steel, this robust computing solution thrives in harsh conditions, making it ideal for industries like food processing and pharmaceutical clean rooms. Boasting an Intel 12th Generation CPU and running on Windows 11, it ensures top-tier performance and a modern user interface. The addition of a flat WiFi antenna not only enhances connectivity but also reinforces its adaptability in challenging settings. For those seeking durability, efficiency, and cutting-edge technology, the 15" Stainless Steel Computer stands as the epitome of industrial computing excellence.

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 Core I series 12th Generation Alder Lake
Processor Model	Core i5-1245UE
Processor Speed	Up to 4.4 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB, 64GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 2280 NVME SSD slot
Storage Support	128GB-2TB

External I/O Ports

USB	2x M12 8Pin for USB 1/2 and USB 3/4
Serial / Com	2x M12 8-pin for COM
Serial Protocol Detail	RS-232/422/485
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Video Outputs	Optional Display Port 1.4 through USB-C
Other Ports	Optional 1X USB-C 3.2 through M20 connector on bottom Bezel
Power Input Port	M12 type 5-PIN DC-in

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

Peripherals & Wireless Connectivity

WiFi	Optional Wi-Fi 6 802.11 AX Dual Band, with Robust Flat Antennas
Bluetooth	Optional Bluetooth 5.3
Sim Card	1x SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Reader

Warranty

Warranty	Up to 5 Years
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Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	350 nits

Touch Screen

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

Power

Input Voltage Range	12-28V DC
Standard Power Adapter	AC 100 - 277V / DC output 24V, 5A, 120W, IP68

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro
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Compatibility

Security Hardware	fTPM 2.0
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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), 1x M.2 for NVME SSD Support
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Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K, NEMA 4X
Color	Stainless Steel
Control Buttons	Brightness Down, Brightness Up, Power Button
Mounting Options	Floor Stand, Swing Arm, Table Mount, VESA 100 Mount, Wall Mount

Weight / Dimensions

Weight	8.4 kg (18.5 lbs)
Dimensions	395 x 309.5 x 58 mm (15.6 x 12.2 x 2.3 in)

Certification

Certifications	CE, FCC
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Specifications subject to change.

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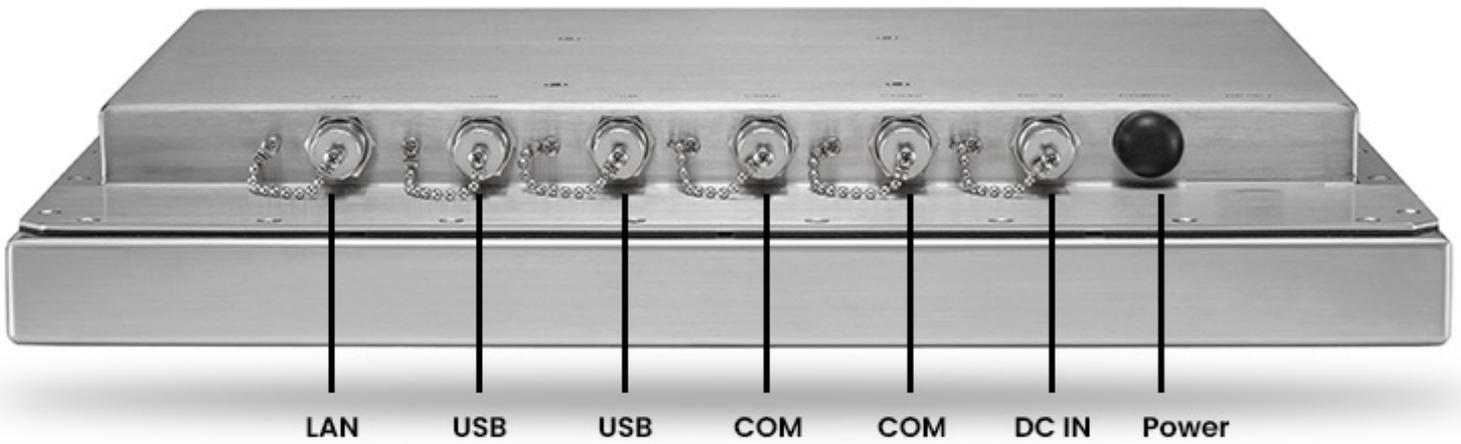
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I/O Diagram Images



USA

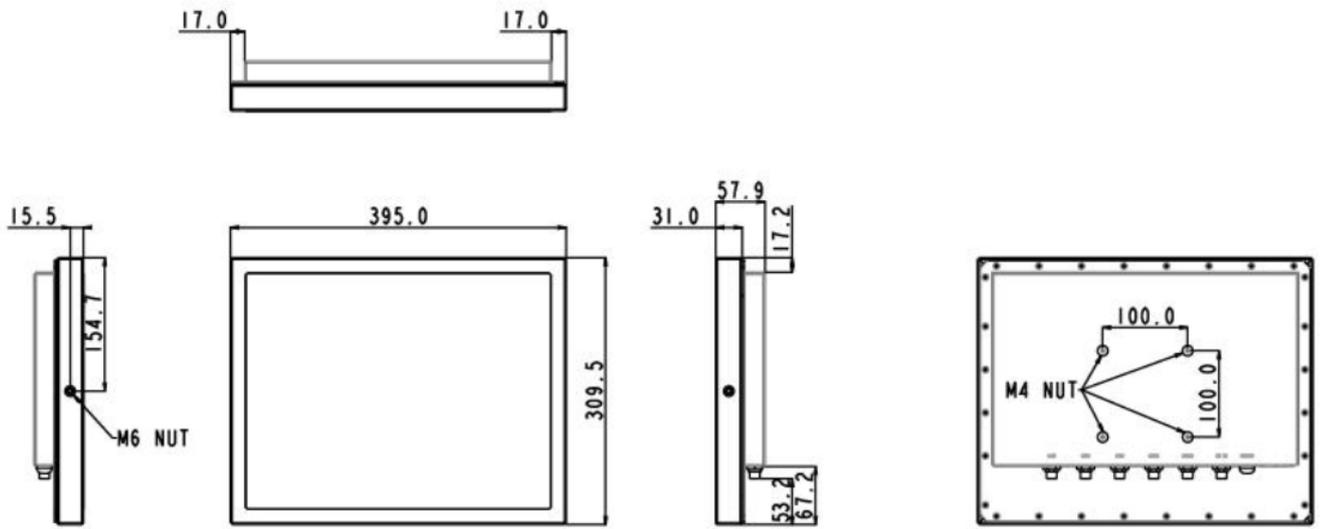
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