

# TS-7010-19

19" Stainless Steel Computer | Trident



## Key Highlights

- 19" 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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The TS-7010-19 is an industrial computer tailored for the most demanding environments. Crafted from stainless steel, it thrives in harsh conditions, making it a standout choice for sectors like food processing and pharmaceutical clean rooms. Equipped with an Intel 12th Generation CPU and running on Windows 11, this series ensures top-notch performance and a modern user interface. Its robust flat WiFi antenna enhances connectivity, adding versatility to its applications. For industries requiring durability, precision, and cutting-edge technology, the 19" Stainless Steel Computer stands as the pinnacle of reliability in challenging workspaces.

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# 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
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Reader

## Certification

Certifications	CE, FCC
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Specifications subject to change.

## Display

Screen Size	19
Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	250 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
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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 for NVME SSD Support
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## Enclosure

Material	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	11.5 kg (25.4 lbs)
Dimensions	458 x 386 x 64 mm (18.0 x 15.2 x 2.5 in)

## Warranty

Warranty	Up to 5 Years
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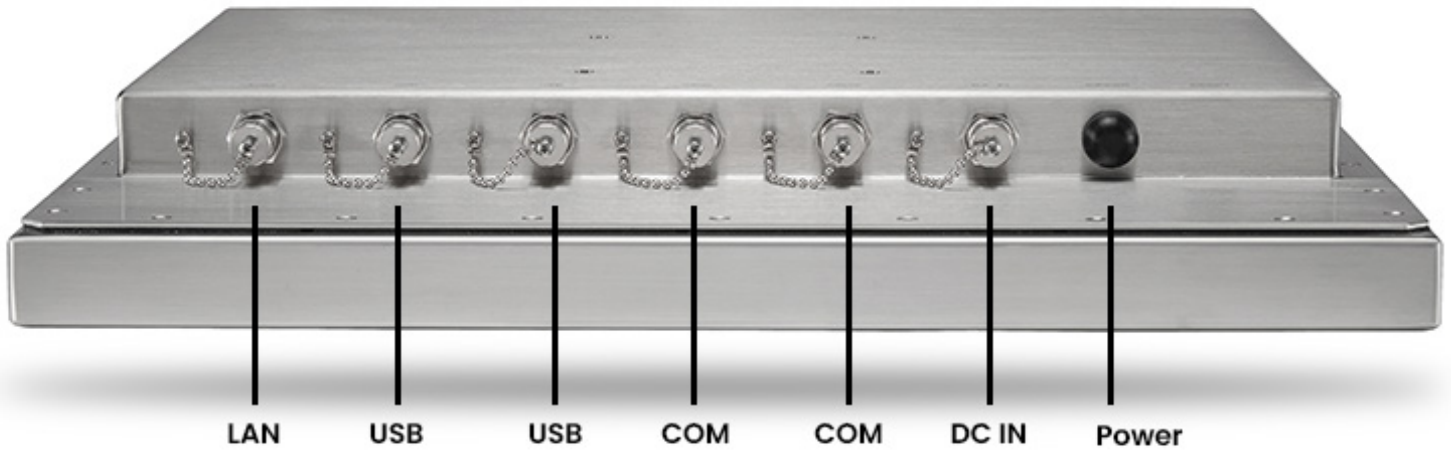
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## I/O Diagram Images



### USA

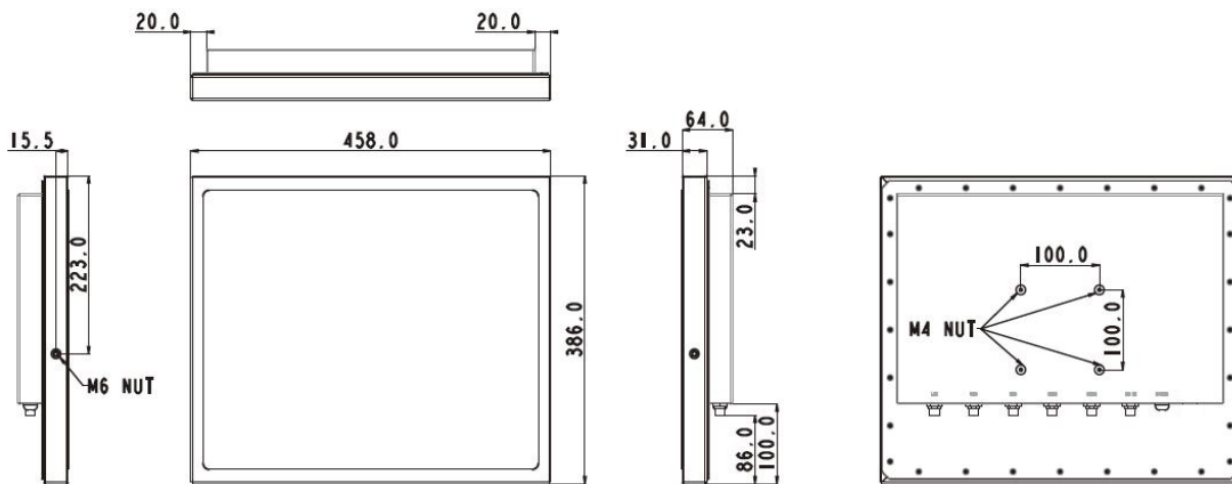
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