TEGUAR

# 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

VIEW ONLINE

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. **Looking for a lower cost IP65 or IP66 panel PC? We recommend Pinnacle, our lightweight, high-powered non-stainless steel flush mountable computer. View All Panel PCs with Waterproof Front Bezels.**

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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 |
| **Sim Card** | 1x SIM Card Slot |
| **Barcode Scanner** | Optional 1D/2D Barcode Scanner |
| **RFID** | Optional RFID Reader |

## Warranty

| | |
|---|---|
| **Warranty** | Up to 5 Years |

## Display

| | |
|---|---|
| **Screen Size** | 19" |
| **Screen 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 IoT, Windows 11 Pro |

## Compatibility

| | |
|---|---|
| **Security Hardware** | fTPM 2.0 |

## 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 |

## 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) |

## Certification

| | |
|---|---|
| **Certifications** | CE, FCC |

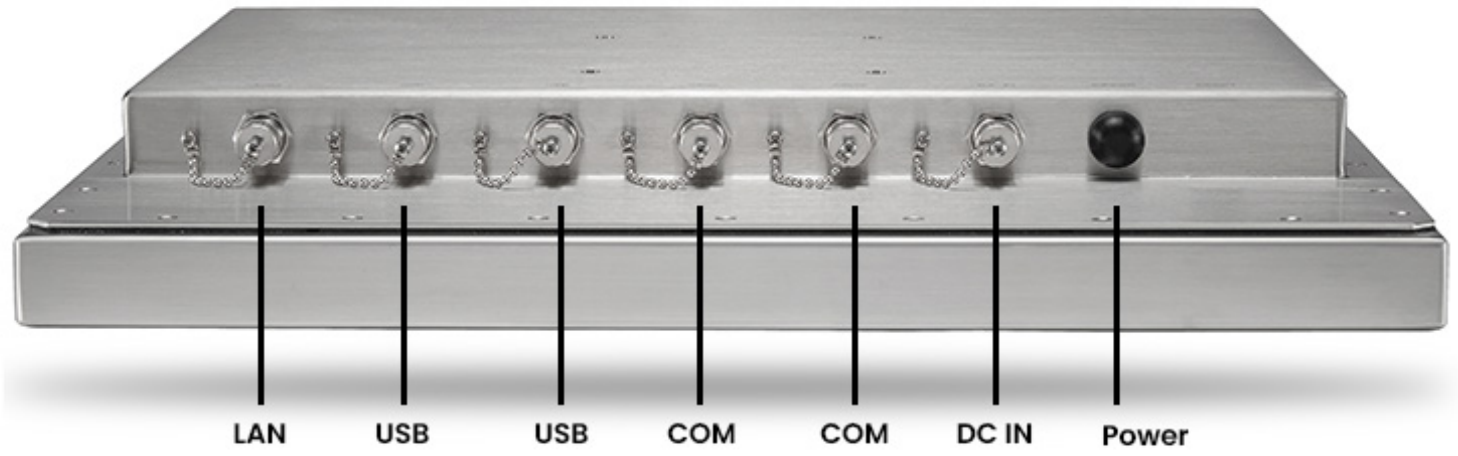
***Specifications subject to change.***


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## I/O Diagram Images

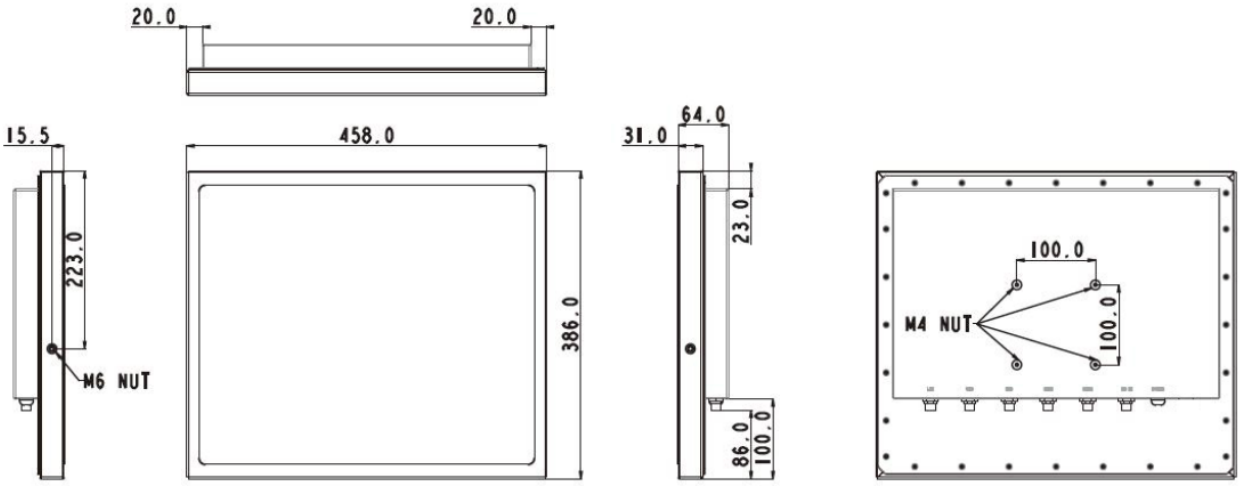



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## Tech Diagram Images




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