TEGUAR

# 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

VIEW ONLINE

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. **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** | 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 |

## 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** | 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 |

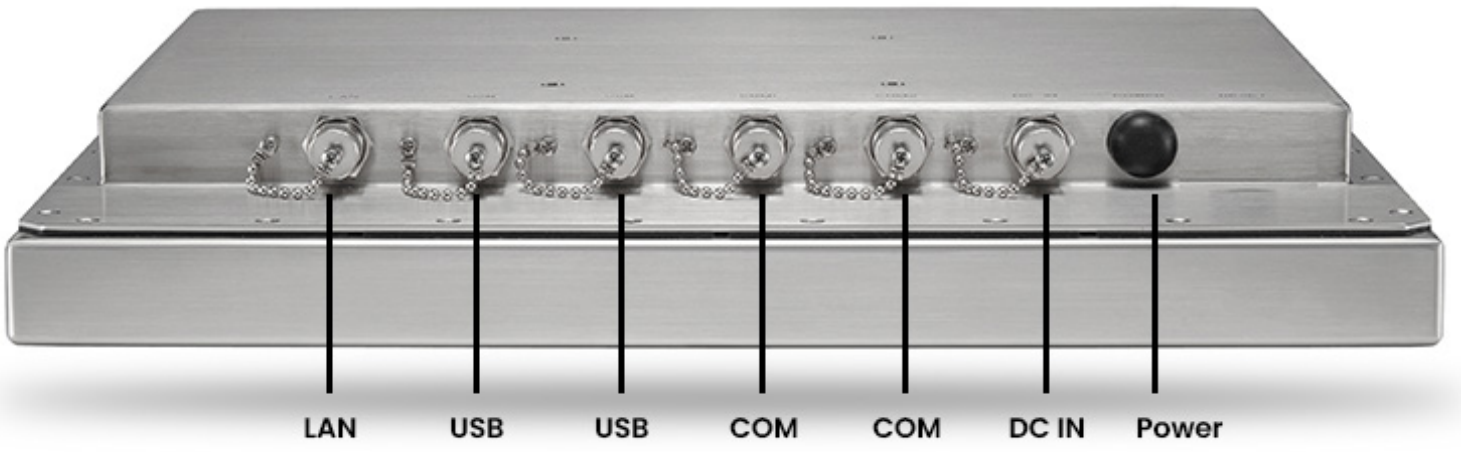
***Specifications subject to change.***


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## I/O Diagram Images

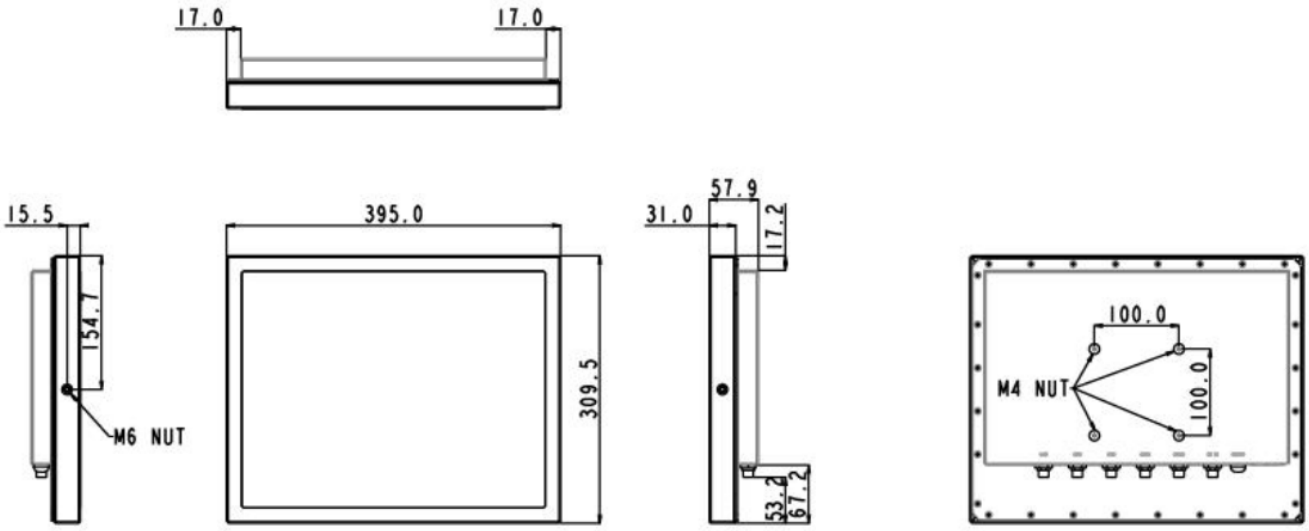



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## Tech Diagram Images




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