TEGUAR

TSC-7010-22

21.5" IP69K Computer | Trident



Key Highlights

- 21.5" Touch Screens
- 12th Gen Intel Core i5 10-Core CPU
- Cable Gland for Sealed I/O Connections
- IP66, IP69K Waterproof Rating
- Windows 11 Compatible
- Dual 2.5 GbE LAN

VIEW ONLINE

The 22" IP69K Computer represents the epitome of technological advancement for critical industries like food and beverage manufacturing, pharmaceutical production, and cleanroom applications. Powered by a robust 12th Gen Intel Core i5 10-Core CPU and running on Windows 11, it ensures seamless performance and user-friendly interface. With IP66 and IP69K ratings, it guarantees protection against dust, water, and high-pressure cleaning, maintaining operational integrity in harsh environments. Its sealed IO design for standard cables enhances durability and reliability. Equipped with dual HDMI ports, it offers versatile connectivity options for various display configurations. **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
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 NVME SSD Slot (2242/2262/2280)
Storage Support	32GB-1TB

External I/O Ports

USB	2x USB 2.0, 2x USB 3.2, 2x USB 3.2 Type C
Serial / Com	2x COM
Serial Protocol Detail	2x RS-232/422/485
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	2x Display Port 1.4a via USB-C, 2x HDMI 2.0b
Audio Ports	2x 3.5mm Audio Line-Out/Mic-In

Compatibility

Security Hardware	TPM 2.0

Multimedia

Speakers	Optional Speaker

Enclosure

Material	Stainless Steel
IP Rating	IP66, IP69K
Color	Stainless Steel
Control Buttons	Brightness Down, Brightness Up, Power Button
Mounting Options	Swing Arm, Table Mount, VESA 100 Mount, Wall Mount

Certification

Certifications	CE, FCC, VCCI Class B

Display

Screen Size	21.5"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Hardness	Resistive: 3H, P-cap: 7H

Power

Input Voltage Range	12-28V DC
Standard Power Adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
Linux	Linux

Expansion Slots

Internal M.2	1x M.2 for NVME SSD Support, 1x M.2 Type E

Thermal & Environmental

Operating Temperature	0°C - 40°C - 0°C - 50°C (32°F – 104°F (With HDD), 32°F – 122°F (With SSD))
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

Weight / Dimensions

Weight	12 kg (26.5 lbs)
Dimensions	557 x 349 x 105 mm (21.9 x 13.7 x 4.1 in)

Warranty

Warranty	Up to 5 Years

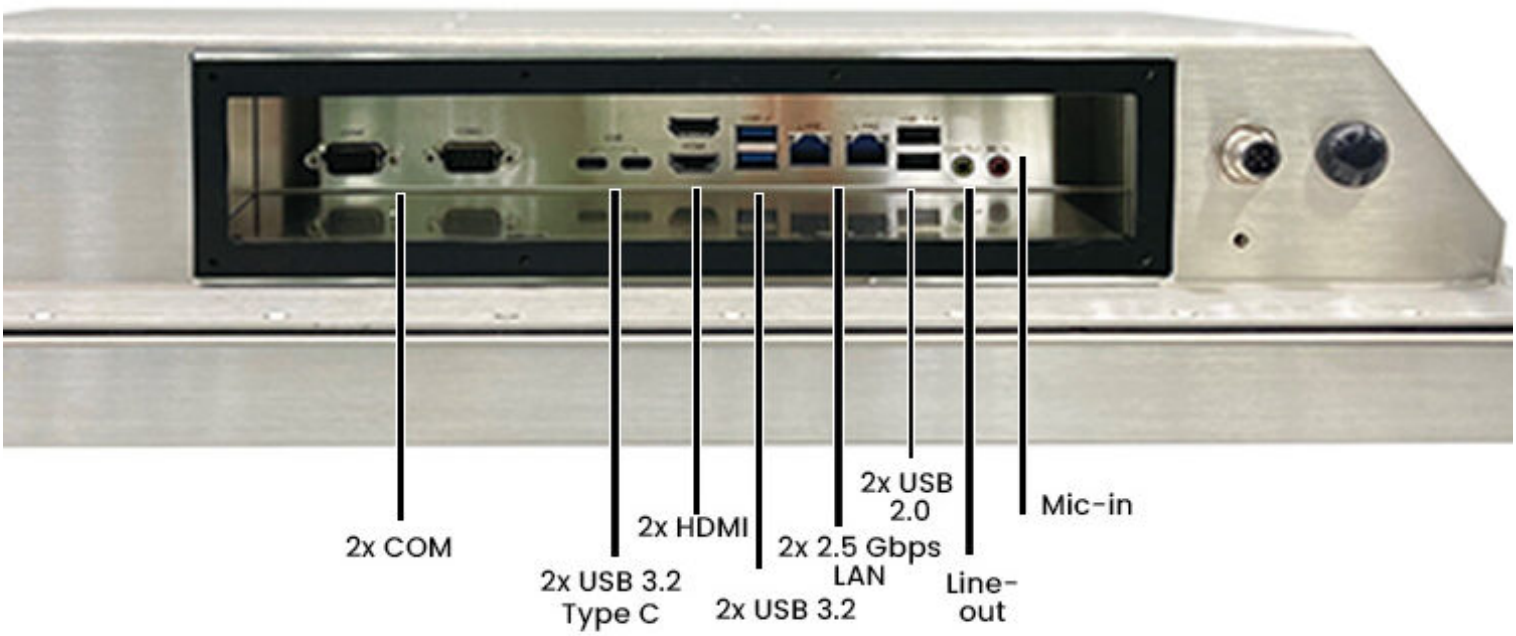
Specifications subject to change.

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I/O Diagram Images

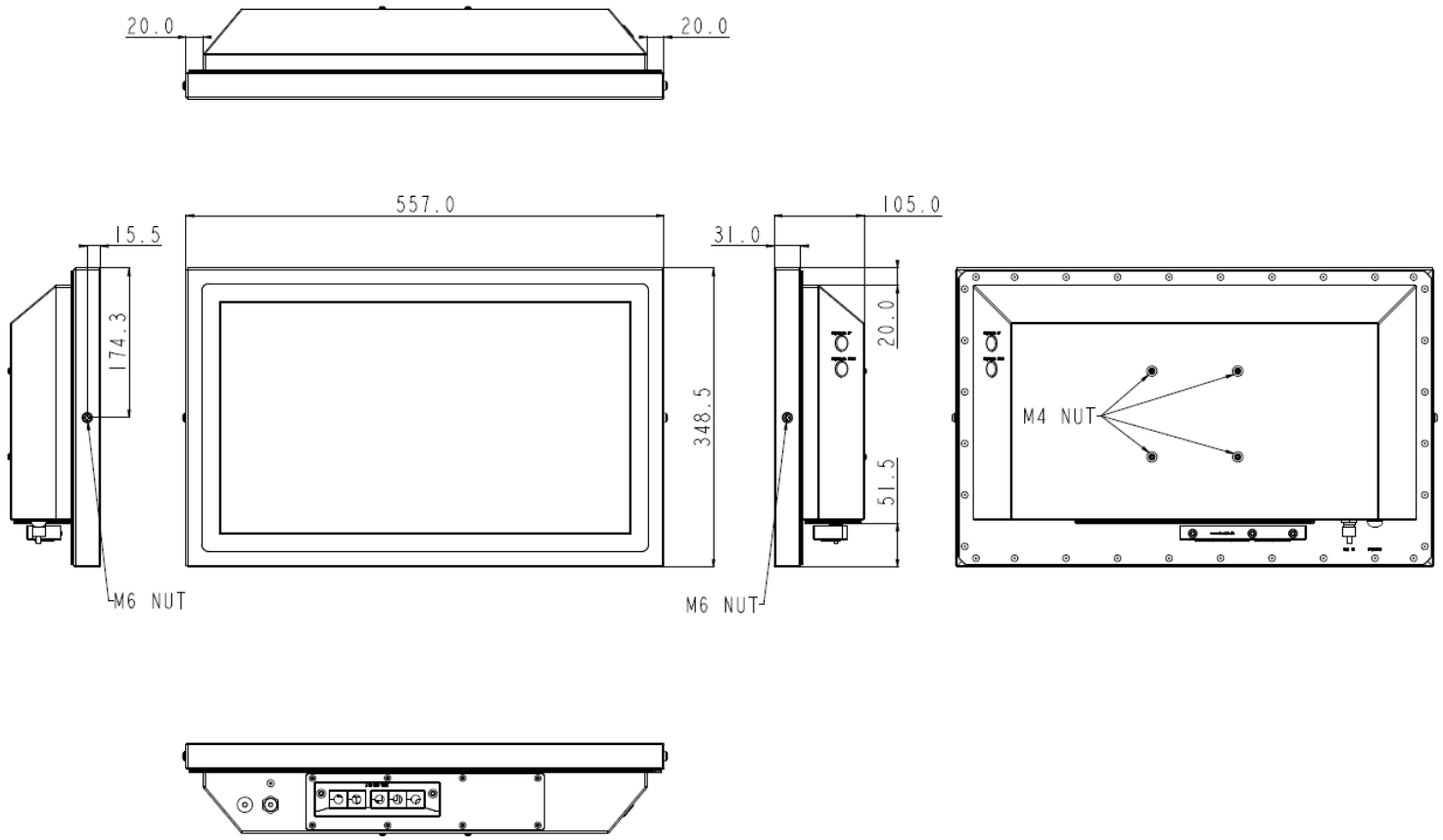


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Tech Diagram Images



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