

TSC-7010-22

22" IP69K Computer | Trident



Key Highlights

- 22" 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

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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.

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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

Specifications subject to change.

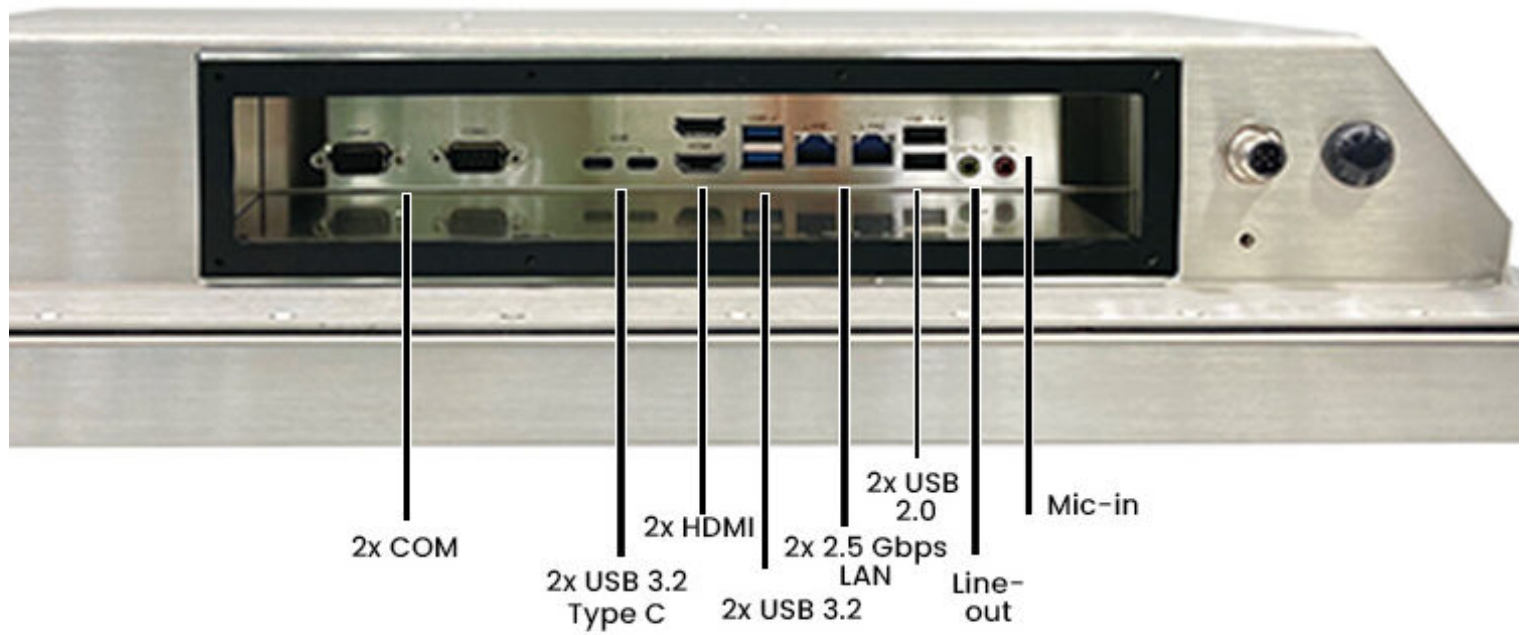
Display	
Screen Size	21.5"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits, Optional 1000 nit High Brightness
Touch Screen	
Touch Screen	Projected Capacitive, Resistive
Hardness	Resistive: 3H, P-cap: 7H
Power	
Input Voltage Range	12-28V DC
Standard Power Adapter	AC 100 ~ 277V / 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

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I/O Diagram Images



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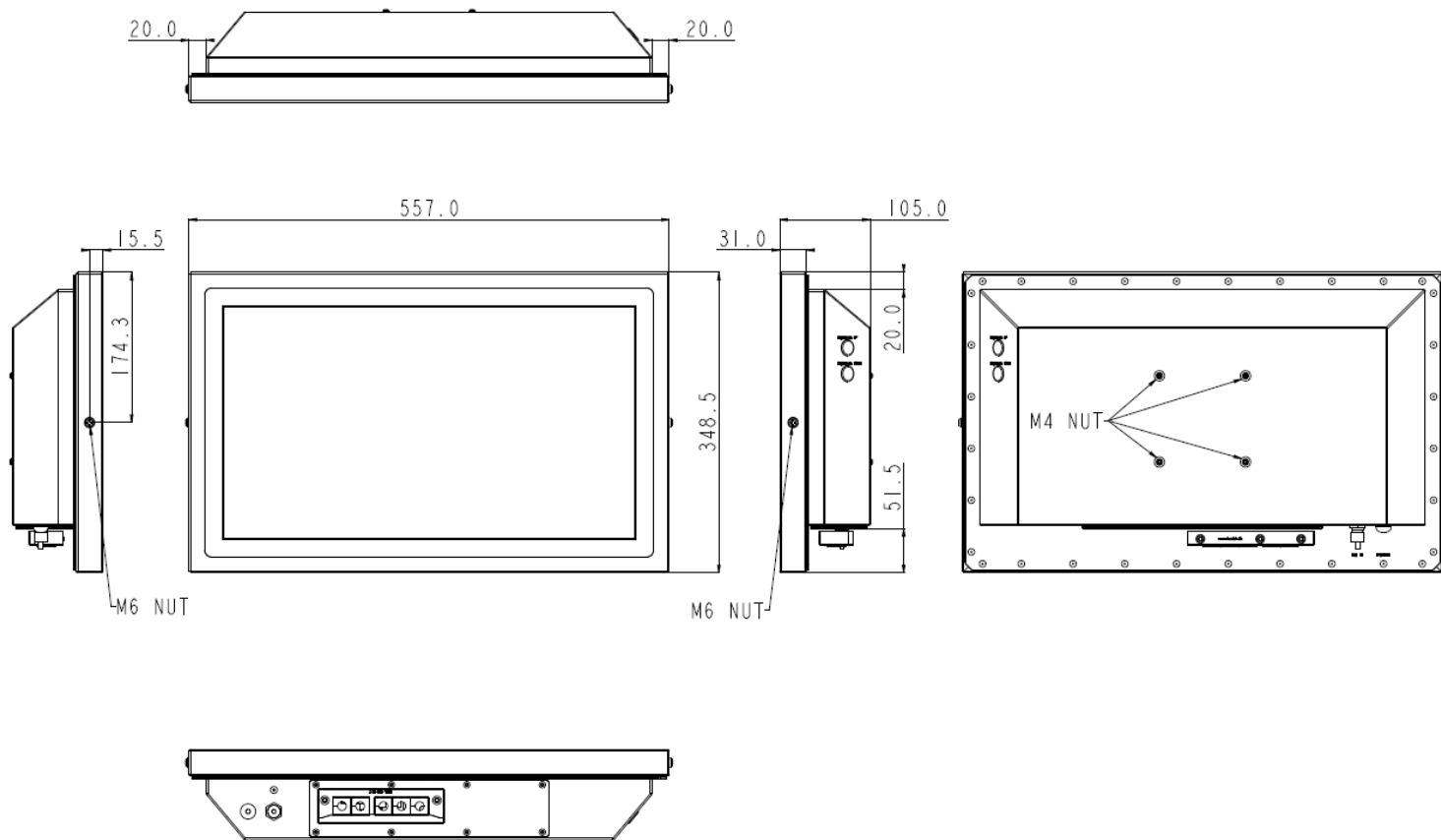
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