TEGUAR

TS-5610-24

24" Stainless Steel Core i Computer



Key Highlights

- Comes installed with Windows 11 (upon request)
- 23.8" LCD Touchscreen
- 8th Gen Intel Whiskey lake Core i3/i5/i7 CPU
- Full IP66 and IP69K with Optional IP67
- Flat Wireless BT/WiFi Antenna
- Full HD Resolution Widescreen 1920 x 1080 Touchscreen Display

VIEW ONLINE

The TS-5610 Stainless Steel Core i Series's largest offering is the TS-5610-24, which features a 23.8" LCD HD touchscreen in addition to all the standard aspects of the series. The TS-5610-24 has fully waterproof IP67 / IP69K stainless steel housing which includes the I/Os, A LAN port, 4 USB ports, 2 COM ports, and a DC-in. Perhaps most impressive of all is the TS-5610-24's 8th Gen Whiskey Lake Intel CPU, which is powerful enough to run Windows 11 if desired. With available options including WiFi, a barcode reader, external speakers and more, this unit (or a fleet of them) will fit perfectly into your cleanroom, food and beverage, or pharma processing plant.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i5-8365UE
Processor Speed	Up to 4.1 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

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
Power Input Port	M12 type 5-PIN DC-in

Expansion Slots

Internal M.2	1x M.2 for NVME SSD Support

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

Peripherals & Wireless Connectivity

WiFi	Optional Wi-Fi 802.11 a/b/g/n/ac
Bluetooth	Optional Bluetooth 5.1
Barcode Scanner	Optional 1D/2D Barcode Scanner

Certification

Certifications	CE, FCC, VCCI Class B

Display

Screen Size	23.8"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive
Hardness	> 7H

Power

Input Voltage Range	19-28V 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

Compatibility

Security Hardware	Optional TPM 2.0, Supports Intel Vpro

Multimedia

Speakers	Optional Speakers

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K, NEMA 4X, Optional IP67
Color	Stainless Steel
Control Buttons	Power Button
Mounting Options	Side Mount, VESA 100 Mount, Wall Mount

Weight / Dimensions

Weight	14.8 kg (32.6 lbs)
Dimensions	626.6 x 396.1 x 64.0 mm (24.7 x 15.6 x 2.5 in)

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

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I/O Diagram Images

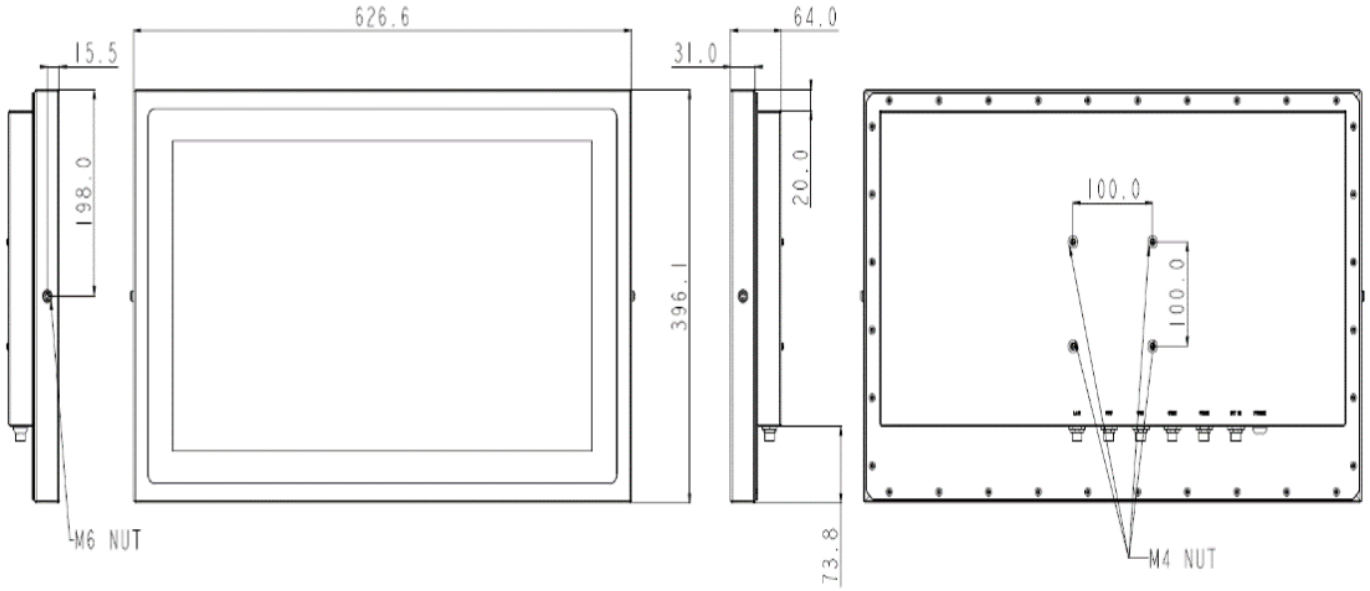


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Tech Diagram Images



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