TEGUAR

TS-5610-19

19" Stainless Steel Core i Computer



Key Highlights

- 19" 5:4 Ratio Touchscreen
- 8th Gen Intel Whiskey Lake Core i3/i5/i7 CPU
- Flat Wireless WiFi/BT Antenna
- Full IP66 and IP69K with Optional IP67
- Supports Intel Vpro Technology through CPU
- Optional Speakers and Barcode Reader (MOQ)

VIEW ONLINE

The TS-5610-19 19" Stainless Steel Core i Series panel PC is the mid-sized offering of the TS-5610 series, sporting a 19" 5:4 ratio touchscreen that is, naturally, fully IP69K waterproof. Teguar's TS-5610 series wields the fastest processing power in a waterproof all-in-one PC on the market today. Thanks to its 8th Gen Whiskey Lake Intel CPU (available in i3, i5, or i7), the TS-5610-15 is Windows 11 compatible and even supports Intel Vpro Technology.

USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

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	19"
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	350 nits

Touch Screen

Touch Screen	5 Wire Resistive, Projected Capacitive
Hardness	Resistive: 3H, P-cap: 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 IoT, Windows 11 Pro

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	11.5 kg (25.4 lbs)
Dimensions	458 x 386 x 64 mm (18.0 x 15.2 x 2.5 in)

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

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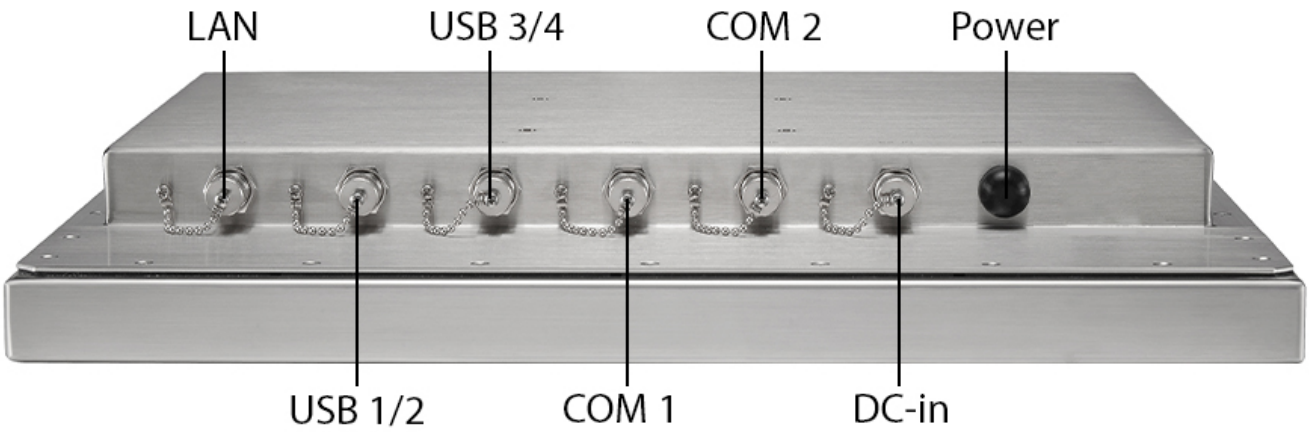
I/O Diagram Images



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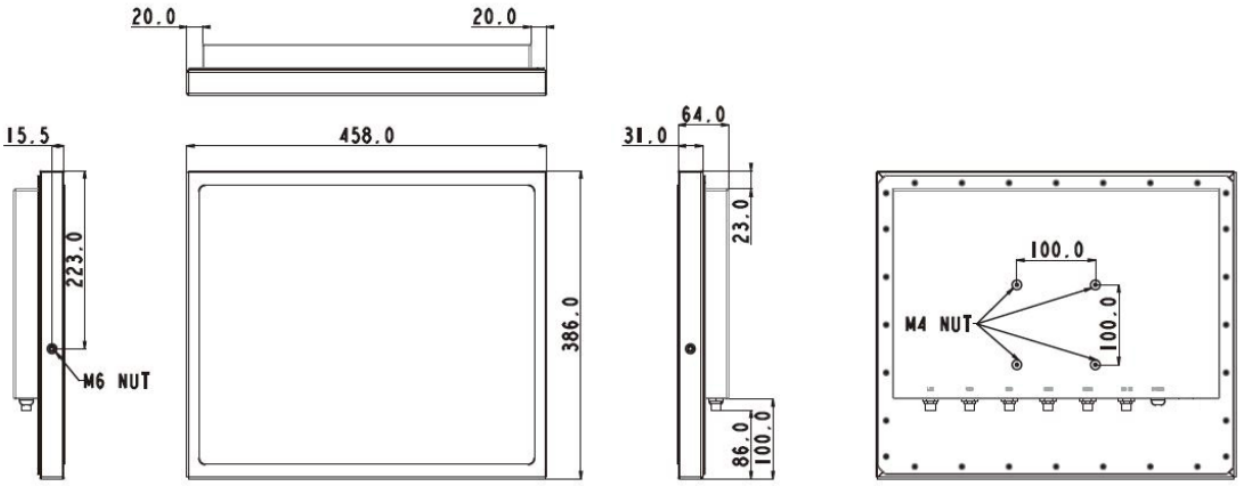
Tech Diagram Images



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