TEGUAR

TSC-5010-15

15" Waterproof PC with Sealed Cable Gland

Key Highlights

- 15" P-Cap or Resistive Touchscreen
- Intel Core i5 Dual-Core CPU
- Sealed IO Design for Standard Cables
- IP66, IP69K, Optional IP67
- Optional Barcode Reader

VIEW ONLINE

The TSC-5010-15 is a fully waterproof computer running on an Intel Core i5 CPU. Teguar's unique cable gland design allows you to plug in standard cables to the I/O ports and maintain a fully waterproof system. This means the computer does not require custom M12 cables and it has no exposed connectors. The 15" touchscreen is available in resistive or P-Cap touch and has a 4:3 aspect ratio, which is required for certain HMI and SCADA software. This PC can also be upgraded to 1000 nit high brightness with optical-bonding, for use outdoors or under bright overhead lights. The TSC-5010-15 can be VESA mounted onto a machine, mobile cart, or arm, or it can be yoke mounted to the wall or a desktop stand. This computer is made for food and beverage manufacturing, pharmaceutical production, and other cleanroom applications.

Read the Product Review from RuggedPCReview >

This product is now considered "Previous Generation" meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently available Waterproof Computers.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Model	Core i5-6200U
Processor Speed	2.3 GHz
Memory Type	1x 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	4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/483 (Jumperless configuration in BIOS)
Ethernet / LAN	2x RJ45 GbE LAN
Audio Ports	1x Audio Line-Out
Power Input Port	M12 type 5-PIN DC-in

Expansion Slots

Internal M.2	1x M.2 Type E

Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F – 104°F)
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 WiFi + Bluetooth Flat Antenna Kit
Barcode Scanner	Optional 1D/2D Barcode Scanner

Certification

Certifications	CE, FCC, VCCI Class B

Warranty

Warranty	Up to 5 Years

Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	5:3
Brightness	Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive
Hardness	4H

Power

Input Voltage Range	9-32V DC
Max Power Consumption	52.9W
Standard Power Adapter	AC 100 - 240V / 47-63 Hz / DC Output 12V, AC Cable 2130MM

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro

Compatibility

Security Hardware	Optional TPM 2.0

Multimedia

Speakers	Optional Speaker

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K, Optional IP67
Color	Stainless Steel
Control Buttons	Power Button
Mounting Options	Table Mount, VESA 100 Mount, Wall Mount
Approved Cleaning Solutions	Acetic Acid (low concentration), Ammonium Nitrate (low concentration), Benzine, Citric Acid (low concentration), Ethanol, Ethylene Glycol Solution (1:1 with water), Hexane, Hydrochloric Acid, Iron Chloride Solution, Isooctane, Isopropyl Alcohol, Nitric Acid (low concentration), Paraffin, Perhydrol (30% in water), Phosphoric Acid (low concentration), Propane, Silicone Oil, Sodium Carbonate (low concentration), Sodium Chloride Solution, Sodium Nitrate (low concentration), Sulfuric Acid (low concentration), Triethylene Glycol

Weight / Dimensions

Weight	8.4 KG kg (18.5 lbs)
Dimensions	295 x 310 x 104 mm mm (11.6 x 12.2 x 4.1 in)

Specifications subject to change.

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I/O Diagram Images

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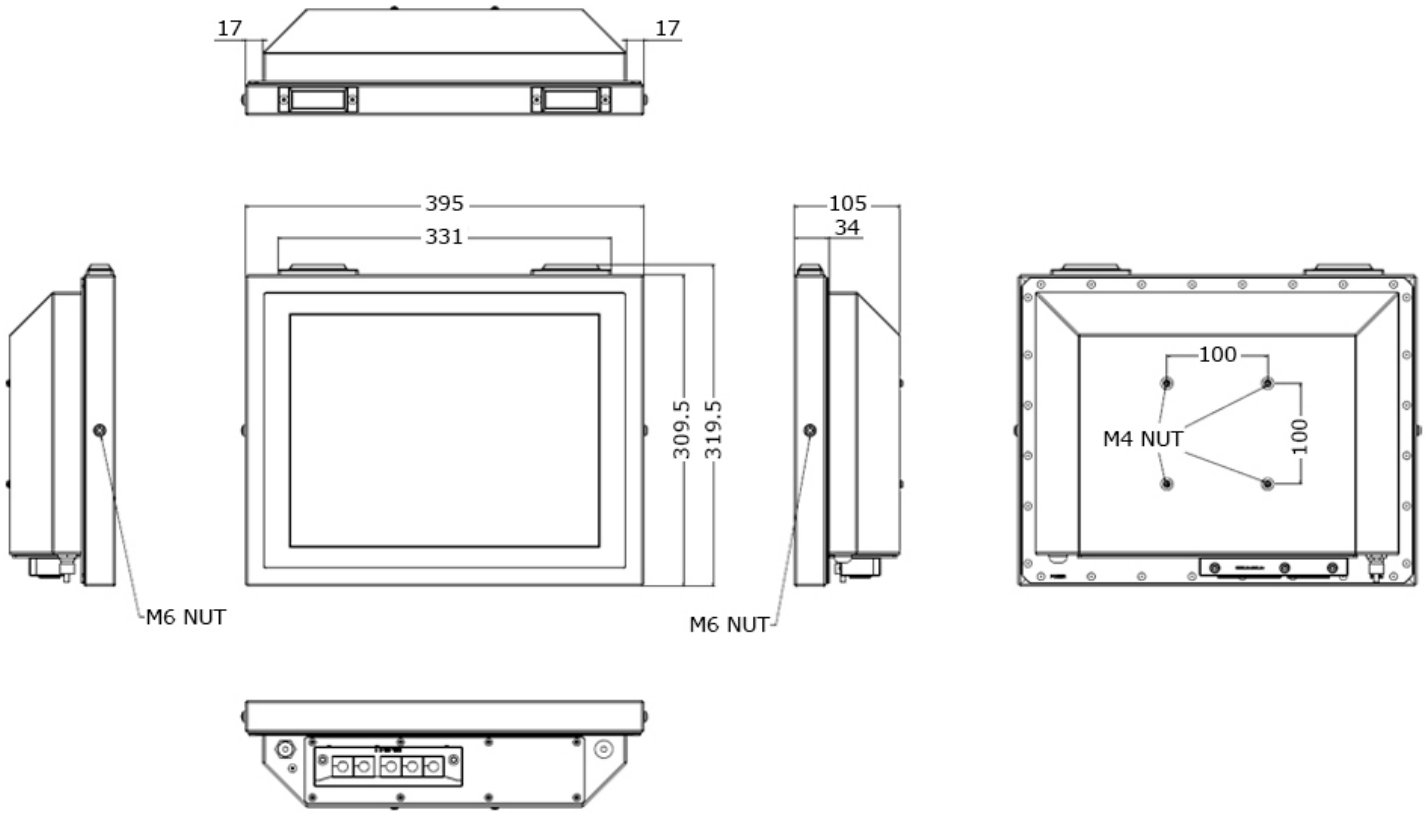
Tech Diagram Images



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