TEGUAR

TSP-5045-19

19" Industrial Touch Screen PC



Key Highlights

- 19" Resistive or P-cap Touchscreen
- 6th Gen. Intel Skylake Processor
- IP66/IP69K Compliant Front Bezel
- 304 Stainless Steel Front (Optional 316)
- Aluminum Back Cover and Fanless Design

VIEW ONLINE

This 19" Industrial Panel PC has an IP66/IP69K compliant front panel. When panel mounted, this PC is the ideal waterproof solution for food and beverage manufacturing or industrial applications exposed to liquids, sprays or humidity. The TSP-5045-19 can also be VESA mounted and it has an aluminum back cover. The stainless steel front bezel is grade 304, ensuring it will never rust. An upgrade to 316 stainless steel will further protect the unit from salt water. This PC has an Intel Skylake i3/i5 CPU and supports Windows 10 IoT, ideal for your HMI, SCADA program or ERP software. The TSP-5045 series is available in screen sizes from 12" – 22".

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Model	Core i3-6100U
Processor Speed	2.3 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (easily accessible)
Storage Support	32GB-1TB

Power

Input Voltage Range	9-36V DC
Max Power Consumption	60W
Standard Power Adapter	Optional 12V AC/DC Adapter

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro

Compatibility

Security Hardware	TPM 2.0

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Storage Humidity	10% – 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	WiFi

Certification

Certifications	CE, FCC Class A

Warranty

Warranty	Up to 5 Years

Display

Screen Size	19"
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	4:3
Brightness	350 nits, Optional 900 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive

External I/O Ports

USB	2x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1), 1x RS-232 DB-9(COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x Optional HDMI
Audio Ports	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Expansion Slots

SD card	1x Full Size SD Slot

Enclosure

Material	Aluminum, Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66 Front Bezel, IP69K Front Bezel
Mounting Options	Panel Mount, VESA 100 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 (low concentration), 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	5.9 kg (13.0 lbs)
Dimensions	485 x 398 x 63.8 mm (19.1 x 15.7 x 2.5 in)

Specifications subject to change.

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I/O Diagram Images

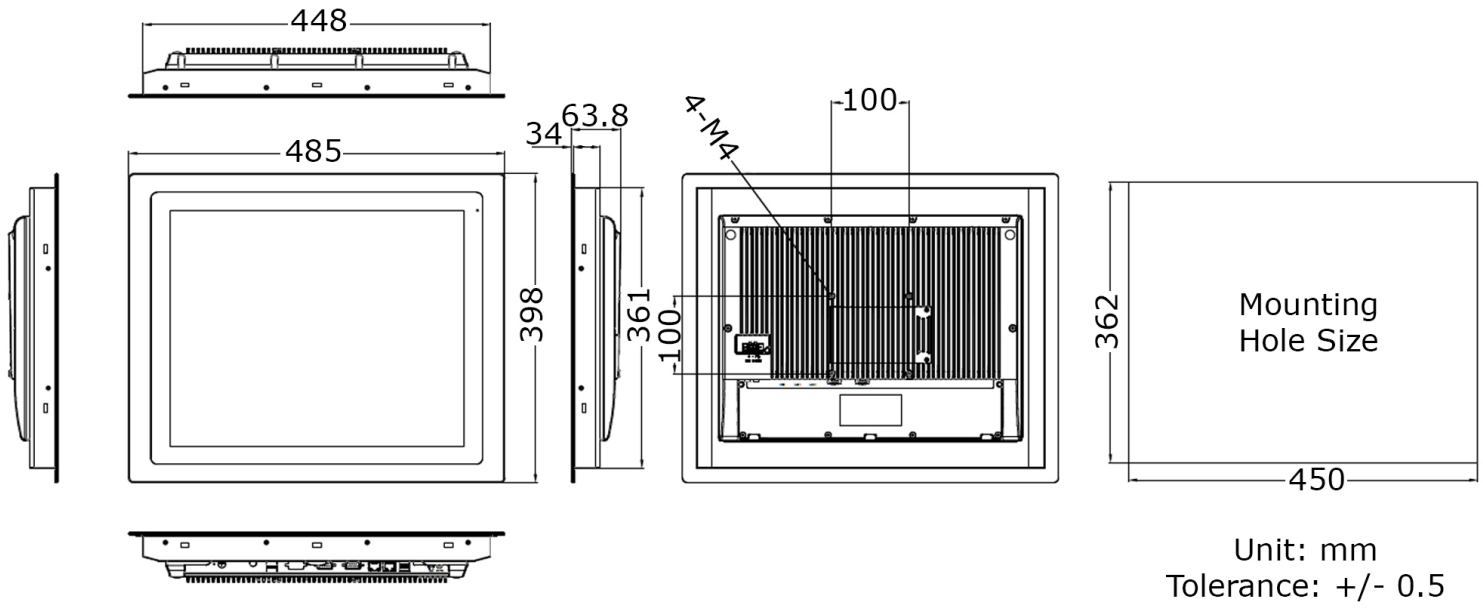


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Tech Diagram Images



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