TEGUAR

TSP-5045-15

15" Industrial Touch Screen PC



Key Highlights

- 15" LCD Touchscreen
- Intel 6th Gen. Core i3/i5 CPU
- Grade 304 Stainless Steel Bezel
- IP66/IP69K Compliant Front
- Wide Range DC 9~36V Power Input

VIEW ONLINE

The TSP-5045-15 has a stainless steel front panel and aluminum back cover. The front bezel is IP66/IP69K compliant, so when panel mounted, this panel PC is an ideal waterproof solution for food and beverage manufacturing or industrial applications exposed to liquids, sprays or humidity. The TSP-5045-15 can also be VESA mounted and it has an aluminum back cover. This PC has an Intel Skylake Core i3/i5 processor and supports Windows 10 IoT. 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	42W
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, EN 1672-2 Complaint (PCAP Touchscreen Only), FCC Class A

Specifications subject to change.

Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	420 nits, Optional 1000 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

Weight / Dimensions

Weight	4.4 kg (9.7 lbs)
Dimensions	422 x 322 x 54 mm (16.6 x 12.7 x 2.1 in)

Warranty

Warranty	Up to 5 Years

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I/O Diagram Images

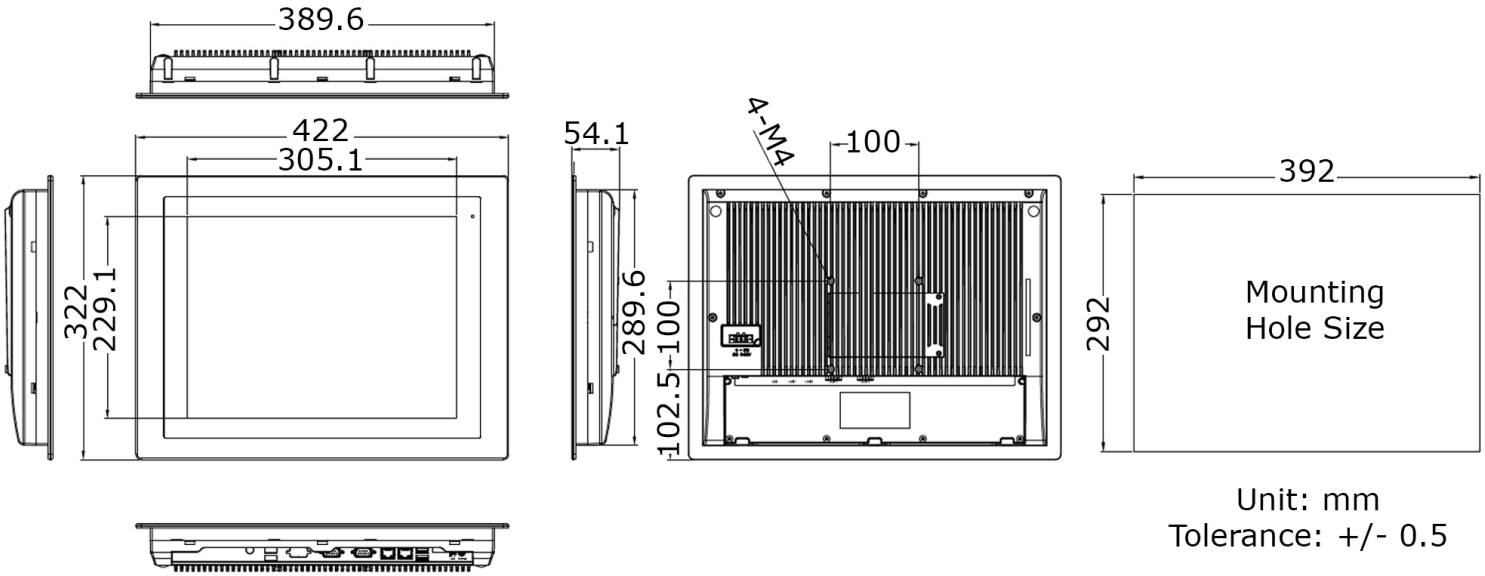


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Tech Diagram Images



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