TEGUAR

TP-5045-32

32" Panel PC



Key Highlights

- 32" Projected Capacitive Touchscreen
- Intel 6th Gen. Core i3/i5 CPU
- Full Flat, IP66 Protected Front Panel
- DDR4 2133MHz Memory with up to 16GB
- Fanless Die Cast Aluminum Housing

VIEW ONLINE

The TP-5045-32 fanless panel PC includes the latest Intel 6th generation core i3/i5 CPUs and offers advanced processing power on a large-scale touchscreen. The front bezel has a full flat design which prevents build-up of particulates and is IP66 rated for protection from water and dust. This industrial fanless panel PC is a long-life cycle solution, as it utilizes the latest Intel Core i3/i5 CPUs with long life cycle support. The standard configuration includes two Gigabit Ethernet ports, two USB 3.0, and 2x COM ports, and additional USB and COM ports are available with an optional expansion card. The HDD bay is easily accessible to keep data security procedures in place. With up to 16GB of DDR4 memory, the TP-5045-32 fanless panel PC is a great solution for most Windows or Linux based applications.

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 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
Storage Support	32GB-1TB

Power

Input Voltage Range	90-264V AC
Max Power Consumption	64W

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro

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
Humidity Range	10% – 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional WiFi/3G Module (via mini-PCIe)

Certification

Certifications	CE, FCC Class A

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	32"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	500 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

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 HDMI
Audio Ports	1x Audio Line-Out

Enclosure

Material	Aluminum
IP Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA Mount
Approved Cleaning Solutions	Acetone, Alcohol, Club Soda, Hydrochloric Acid, Methyl Alcohol, Mineral Spirits, Nitric Acid, Sulfuric Acid (low concentration), Vinegar, Warm Water

Weight / Dimensions

Weight	16.5 kg (36.4 lbs)
Dimensions	810 x 490 x 70 mm (31.9 x 19.3 x 2.8 in)

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I/O Diagram Images

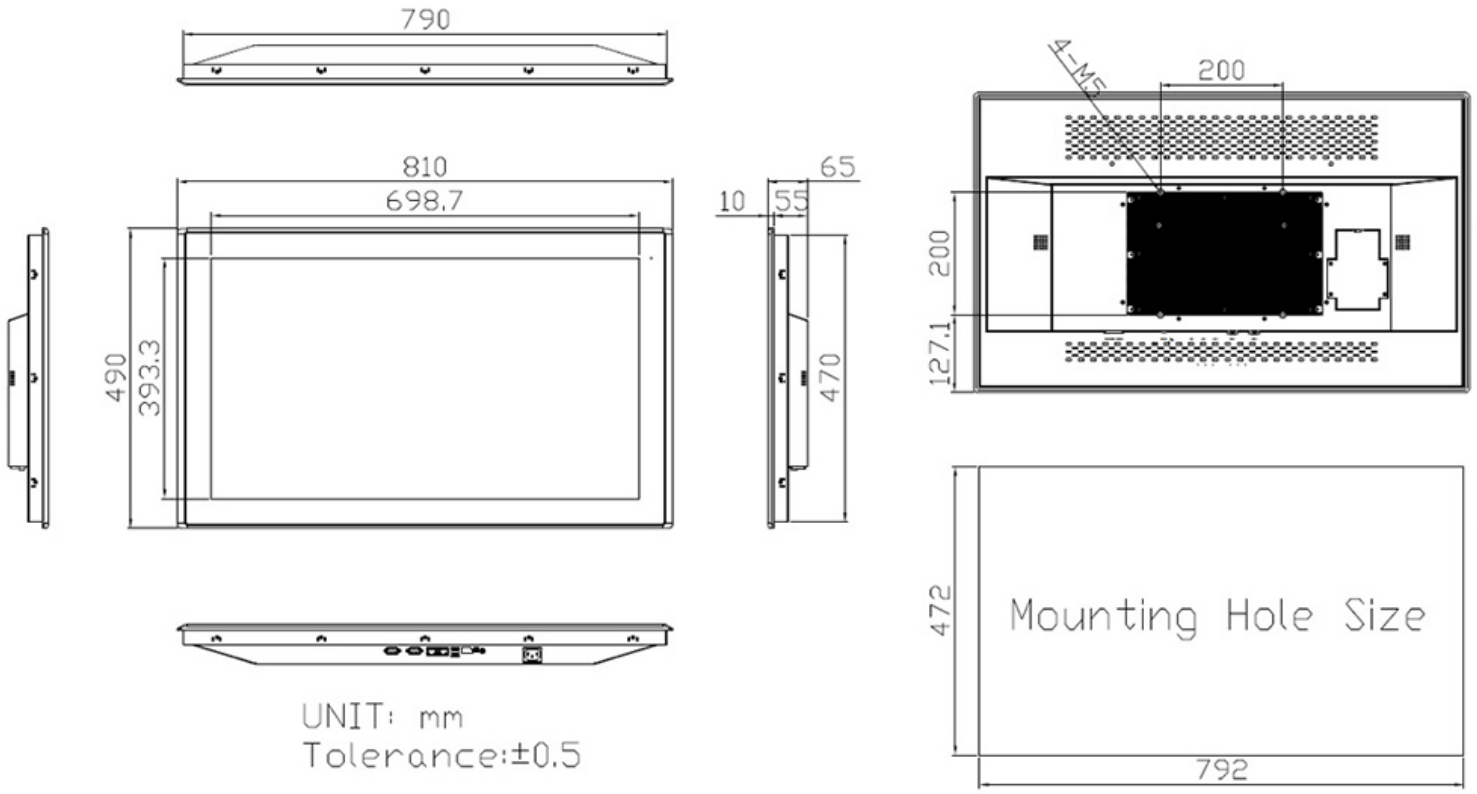


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Tech Diagram Images



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