TP-5593-22

22" Eclipse Panel PC



Key Highlights

- 1920 x 1080 Full HD Display & Capacitive Touchscreen
- Fanless Cooling System
- Front IP65 Rated Full Flush Bezel Aluminum Chassis
- Multiple VESA Mounting Options
- Wide Input Voltage Range (8-24V DC)
- Windows 11 IoT, Windows 10 IoT or Windows 10 Pro Compatible

VIEW ONLINE

The 22" Eclipse Panel PC offered as part of Teguar's Eclipse Panel PC line combines many popular features of our computers, including a large HD touchscreen, aluminum chassis, high processing power, an IP65 rated waterproof front bezel, and more. But perhaps the most desirable feature of the TP-5593-22 is its **low cost**. By limiting customization options and streamlining assembly, Teguar is now able to offer this 22-inch industrial computer at a price more commonly associated with smaller screen size computers. Add in up to 32 GB of RAM, an Intel Core i3 Processor and optional WiFi, and the TP-5593-22 emerges as one of Teguar's most attractive offerings yet. >> Read an independent review of the TP-5593-22 by ruggedpcreview.com

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 7th Generation Kaby Lake
Processor Model	Core i3-7100U
Processor Speed	2.4 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	64GB-512GB

External I/O Ports

USB	4x USB 3.0
Serial / Com	4x COM
Serial Protocol Detail	3x RS-232, 1x RS-232/422/485 (set in BIOS)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x HDMI
Other Ports	1x 8-bit GPIO Terminal Block
Audio Ports	1x Audio Line-Out, 1x Mic-In
Power Input Port	3-Pin DC-In (Phoenix Type)

Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Silver
Control Buttons	Power Button, Power Reset
Shock Rating	10g for 11ms
Mounting Options	Panel Mount, VESA 100 Mount, VESA 75 Mount

Weight / Dimensions

Weight	8 kg (17.6 lbs)
Dimensions	508 x 308 x 83 mm (20.0 x 12.1 x 3.3 in)

Display

Screen Size	21.5"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H

Power

Input Voltage Range	8-24V DC

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro

Expansion Slots

Internal M.2	1x M.2 Type E

Multimedia

Speakers	2x 2W Speakers

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
Storage Humidity	10% – 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional

Certification

Certifications	CE, FCC Class B, IEC 60068-2-27 for Vibration / Shock

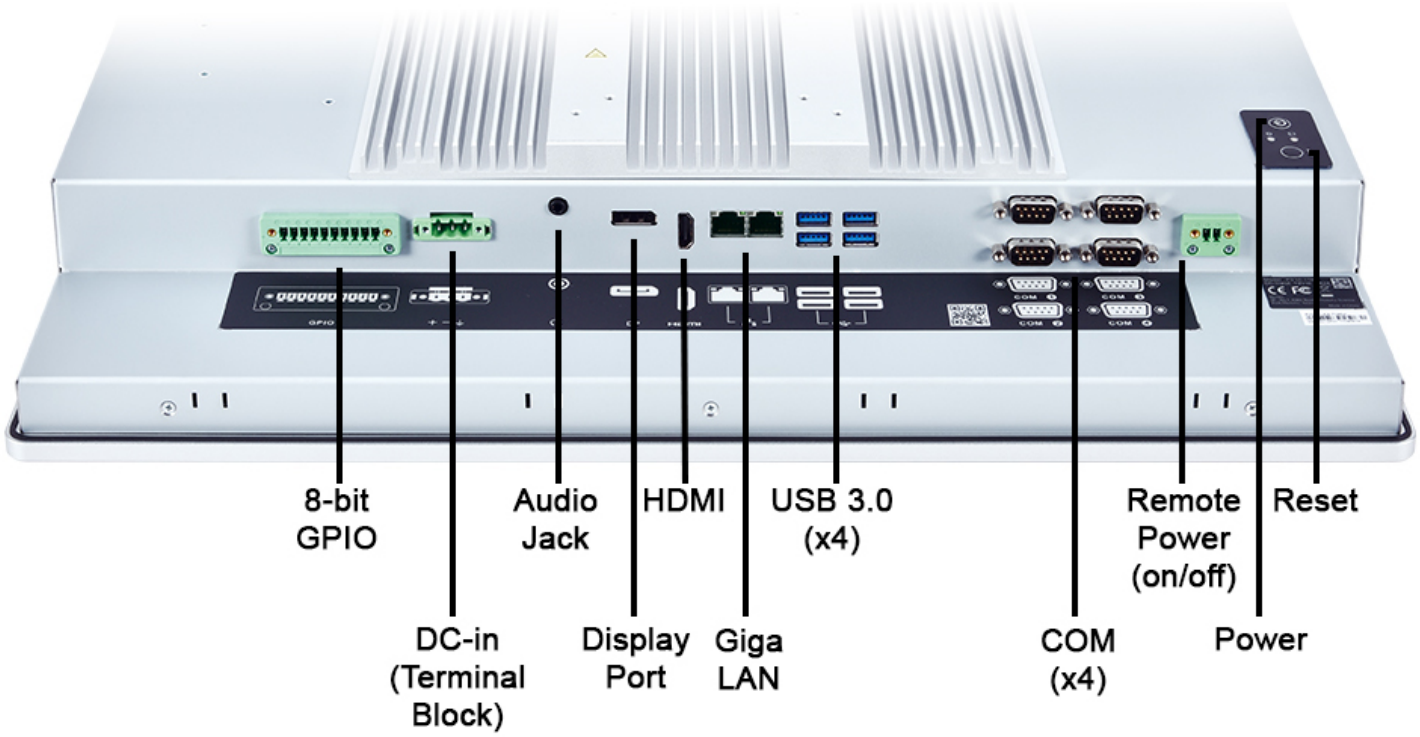
Specifications subject to change.

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I/O Diagram Images

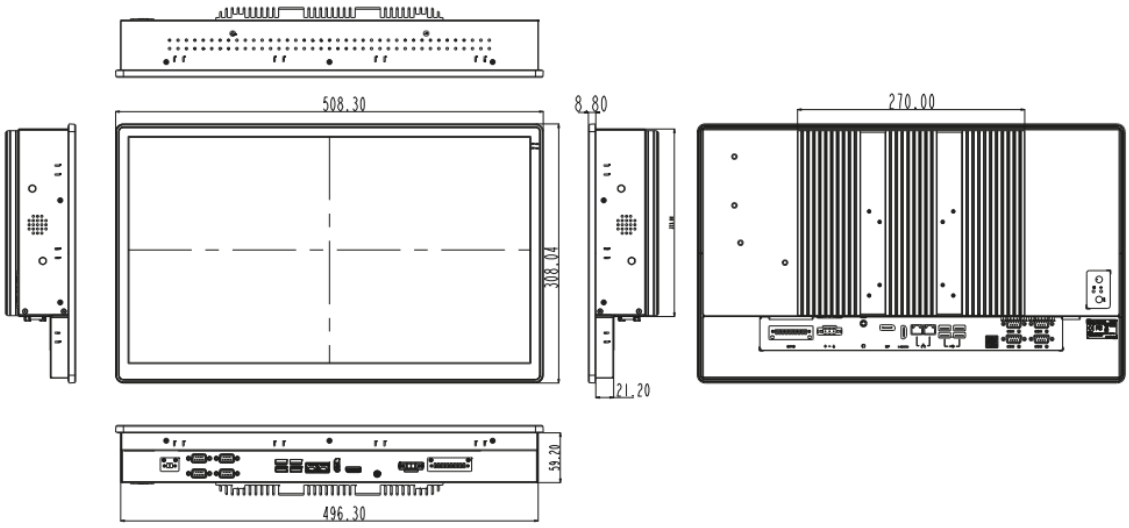


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Tech Diagram Images



Suggest cut out dimension: 497mm x 297mm

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