TEGUAR

TP-5945-22

21.5" Touch Screen Panel PC



Key Highlights

- 21.5" PCAP Touchscreen Display
- Windows 11 Capabilities
- Intel 11th Generation Core Processor Passmark Rating 5820
- VESA Mountable and updated Panel Mount design
- Thin, sleek design

VIEW ONLINE

The 22" Touch Screen Panel PC seamlessly merges advanced technology with a sleek design. Powered by the Intel core 11th Generation processor, it guarantees efficient performance. Windows 11 can run smoothly on this unit. The flush wall-mounting capability maximizes space utilization while the thin build and metal-free front enhance its aesthetic appeal. It has a unique two-piece solution that enables the box to be removed from the front panel, allowing for easy maintenance. With PCAP technology, precise touch responses are guaranteed, enhancing user interactions. The TP-5945-22 offers a versatile solution, perfect for industrial environments where form and function merge seamlessly.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 11th Generation Tiger Lake
Processor Model	Core i3-1115G4E, Core i5 1145G7E
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 2280 NVME SSD slot
Storage Support	M.2: 256GB-1TB

Power

Input Voltage Range	9-36V DC
Max Power Consumption	86W

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
Linux	Linux Ubuntu 20.04 or above (Contact your sales rep for more information)

Compatibility

Security Hardware	fTPM 2.0

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)

Enclosure

Material	Aluminum
IP Rating	IP66 Front Bezel
Color	Black
Mounting Options	Panel Mount, VESA 100 Mount

Weight / Dimensions

Weight	6.3 kg (13.9 lbs)
Dimensions	541 x 333 x 59 mm (21.3 x 13.1 x 2.3 in)

Specifications subject to change.

Display

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

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports

USB	4x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	Included Y-Cable provides two DB-9 Com ports: 1x 5-pin RS-232 (COM1) and 1x Configurable 3-Pin RS-232/422/485 (COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DP-1.4/HDMI combo Video Out
Other Ports	1x 2-Pin DC Power Switch Connector
Audio Ports	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-30°C - 70°C (-22°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional 802.11 b/g/n/ac
Bluetooth	Optional Bluetooth 5.1

Warranty

Warranty	Up to 5 Years

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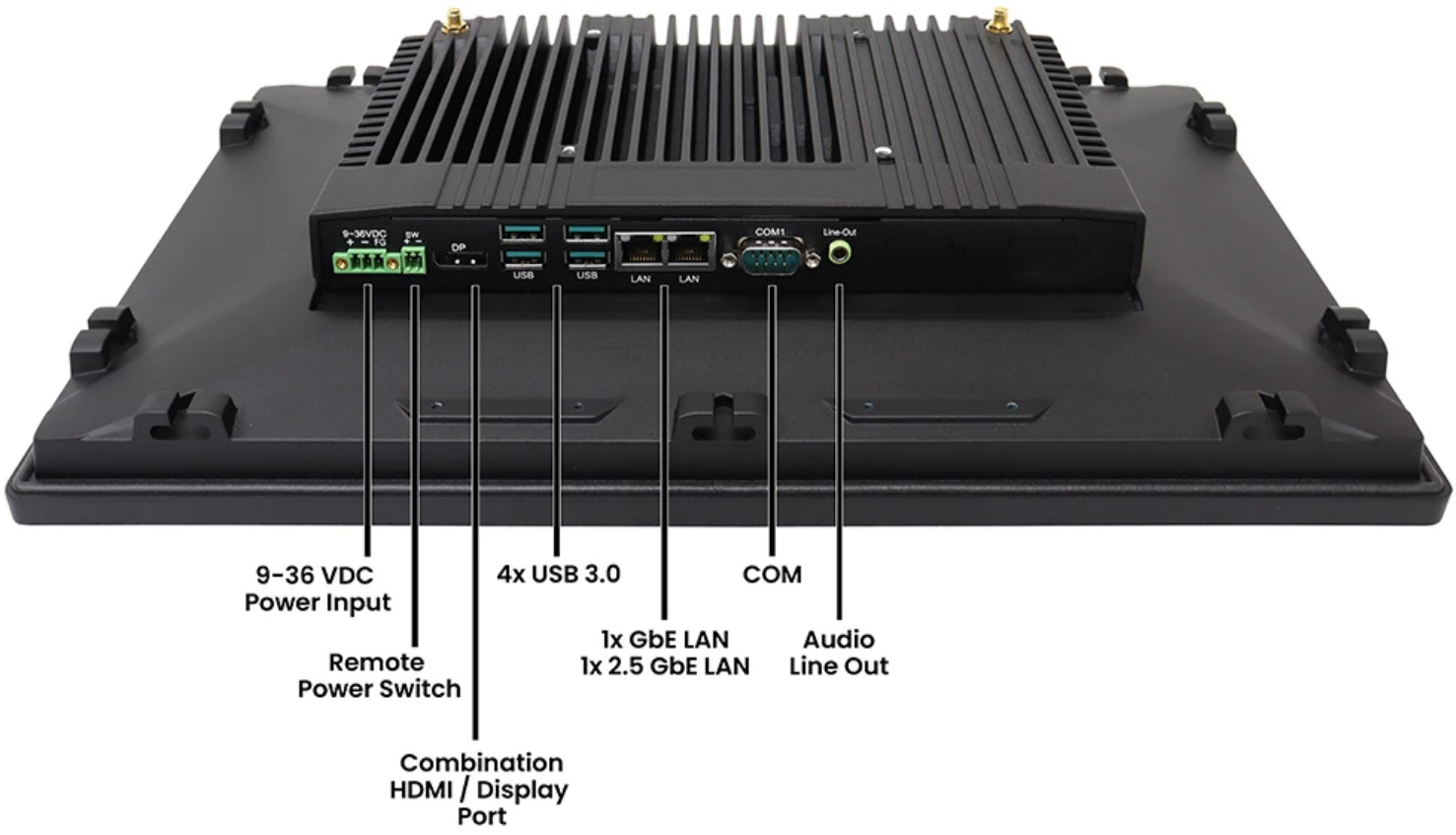
I/O Diagram Images



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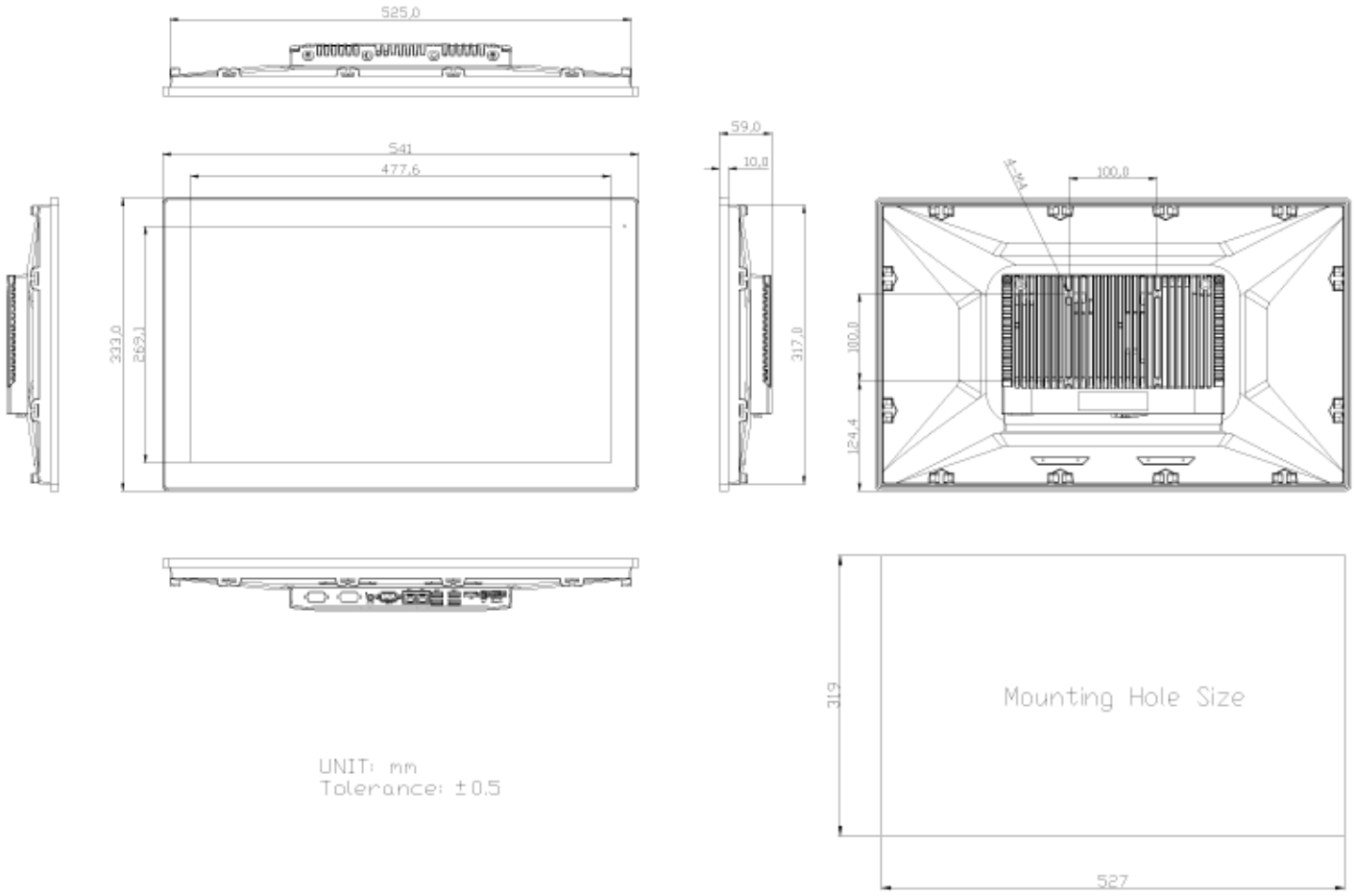
Tech Diagram Images



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