TEGUAR

TP-5610-22

22" Touchscreen Panel PC



Key Highlights

- 21.5" LED Full Flat Resistive/P-cap Touchscreen
- Windows 11 Capabilities
- Intel Core i5-8365UE Quad Core CPU
- Fanless Cooling System
- IP66 Front Rated Bezel

VIEW ONLINE

The 22" Touchscreen Panel PC has a powerful Intel 8th Generation Core i5 CPU and is built with high quality components to ensure the highest reliability and 24/7 use of industrial and commercial applications. This PC can enhance connectivity with optional wireless and Bluetooth and has several mounting options including a panel mount and VESA mount. Because of its powerful processing power, the TP-5610-22 is able to run Windows 11 operating system smoothly. This industrial panel PC has an IP66 rated front bezel and fanless design, making it resistant to spills or sprays and suitable for particulate-rich environments.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i5-8365UE
Processor Speed	1.6 GHz, Up to 4.1 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	32GB
Storage Type	1x M.2 SATA3 2280 Slot
Storage Support	128GB-1TB

External I/O Ports

USB	4x USB 3.1
Serial / Com	3x COM
Serial Protocol Detail	1x RS-232, 2x RS-232/422/485
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x HDMI
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	4-Pole DIN (latching)

Expansion Slots

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

Enclosure

Material	Aluminum front bezel and SECC Steel Chassis
IP Rating	IP66 Front Bezel
Color	Black
Control Buttons	Power Switch
Mounting Options	Panel Mount, VESA 75 Mount

Warranty

Warranty	1 Year

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), Resistive
Hardness	Resistive: 3H, P-cap: 7H

Power

Input Voltage Range	19-28V DC
Max Power Consumption	90.9W
Standard Power Adapter	100W, 100-240Vac, 19Vdc, 5.26A

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

Compatibility

Security Hardware	Optional TPM 2.0

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 65°C (-4°F – 149°F)
Cooling Solution	Passive – Fanless with Heatsink
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Weight / Dimensions

Weight	9.6 kg (21.2 lbs)
Dimensions	584.2 x 91.5 x 364.6 mm (23.0 x 3.6 x 14.4 in)

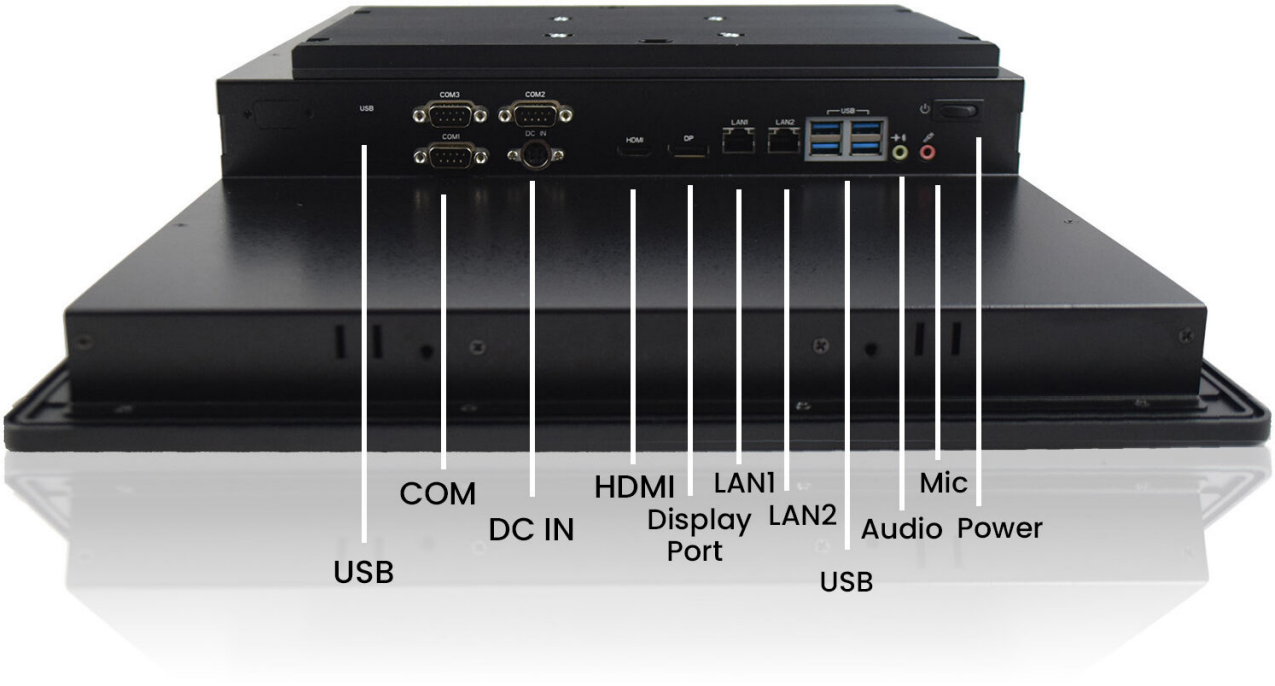
Specifications subject to change.

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I/O Diagram Images



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Tech Diagram Images 0

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