TEGUAR

TP-5610-15

15" Touchscreen Panel PC



Key Highlights

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

VIEW ONLINE

The 15" Touchscreen Panel PC is ideal for industrial and commercial applications, with an IP66 rated front bezel and fanless design. These features make it suitable for particulate-rich surroundings and environments prone to spills or sprays. With a powerful Intel 8th Generation Core i5 CPU, this unit is capable of running Windows 11 operating system smoothly. The TP-5610-15 also has several mounting options, including a panel mount and VESA mount, so it can easily be implemented in a diverse range of applications. The 15" design saves space and enables you to fully maximize your business output by making your processes more efficient.

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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	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	350 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch), Resistive
Hardness	Resistive: 3H, P-cap: 7H

Power

Input Voltage Range	19V DC
Max Power Consumption	94.1W
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	6.4 kg (14.1 lbs)
Dimensions	398 x 330 x 86 mm (15.7 x 13.0 x 3.4 in)

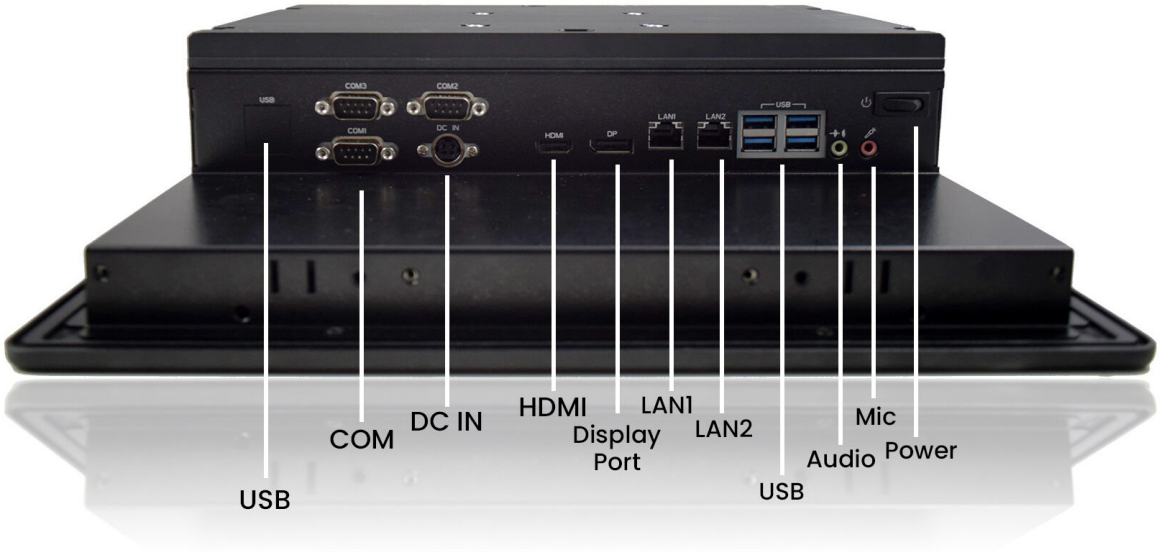
Specifications subject to change.

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I/O Diagram Images



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Tech Diagram Images 0

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