

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

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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)
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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
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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
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Compatibility

Security Hardware	Optional TPM 2.0
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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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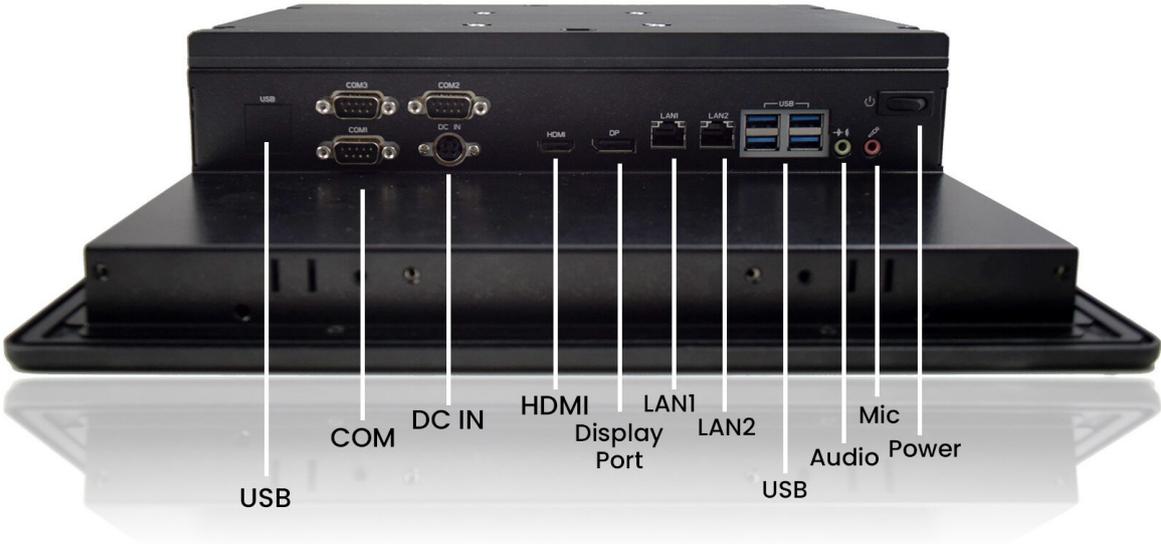
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I/O Diagram Images



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