

TP-5010-16

16" Flush Mount Panel PC



Key Highlights

- 15.6" True Flat Touch Screen
- High Performance 6th generation Intel Core i3/i5/i7 CPU
- Fanless Cooling Solution
- IP66 Rated Front Panel
- CE, FCC, VCCI Class B
- Optional Wireless Connectivity

[VIEW ONLINE](#)

This [panel PC](#) has a powerful Intel Core i3/i5/i7 CPU and is built with high quality components to ensure the highest reliability and 24/7 use of industrial and commercial applications. The TP-5010-16 has an IP66 rated front bezel and fanless design, making it resistant to spills or sprays and suitable for particulate-rich environments. The 16" design saves space and can enhance connectivity with optional wireless and Bluetooth 4.0. The TP-5010-16 also has several mounting options including a panel mount and VESA mount, so it can easily be implemented in a diverse range of applications including manufacturing execution systems and hygienic automation systems.

This product is now considered "Previous Generation." meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently [available Panel PCs](#).

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Model	Core i5-6200U
Processor Speed	2.3 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, M.2, mSATA
Storage Support	32GB-1TB

External I/O Ports

USB	4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	2x DisplayPort
Audio Ports	1x 3.5mm Microphone Jack, 1x Audio Line-Out
Power Input Port	4-Pole DIN (latching)

Expansion Slots

Internal M.2	1x M.2 Type E
Video Card Support	Intel Integrated HD Graphics 520

Enclosure

Material	Aluminum, Optional Stainless Steel Bezel, Steel
IP Rating	IP66 Front Bezel
Color	Black
Control Buttons	Power Button, Power Reset
Mounting Options	Panel Mount, VESA Mount

Weight / Dimensions

Weight	6 kg (13.2 lbs)
Dimensions	452 x 330 x 86 mm (17.8 x 13.0 x 3.4 in)

Display

Screen Size	15.6"
Screen Resolution	1366 x 768
Screen Ratio	16:9
Brightness	400 nits

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Hardness	Resistive: 4H, P-cap: 7H

Power

Input Voltage Range	9-32V DC
Max Power Consumption	57.8W
Standard Power Adapter	Optional 60 watts, universal 100-240V AC in, 12V DC out, 5A

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
Linux	Linux

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 - 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 802.11 ac + Bluetooth 4.0 with External Antennas
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Certification

Certifications	CE, FCC Class B, VCCI
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Warranty

Warranty	Up to 5 Years
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Specifications subject to change.

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I/O Diagram Images



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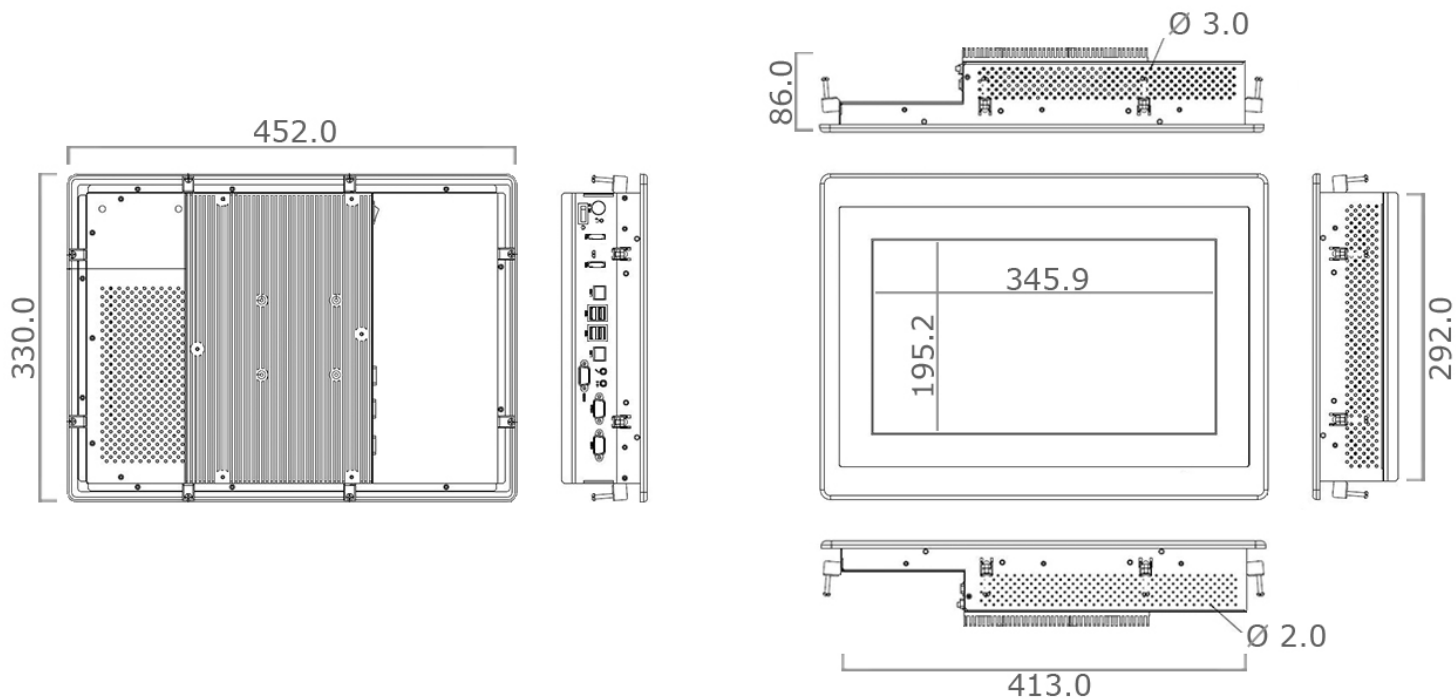
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Tech Diagram Images



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