TEGUAR

TP-5945-10

10.1" Touch Screen Panel PC



Key Highlights

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

VIEW ONLINE

This 10" Touch Screen Panel PC is the smallest size in the TP-6945 series. Despite its size, it still runs on the powerful Intel 11th Generation processor, allowing for Windows 11 operating system to run smoothly. This unit is ideal for mounting flush to the wall, with a thin design and no exposed metal on the front bezel. PCAP technology ensures accurate and responsive touch functionality. It has a unique two-piece solution that enables the box to be removed from the front panel, allowing for easy maintenance. The TP-5945-10 is ideal for industrial applications such as production floors, workstations, and other manufacturing applications.

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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

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), -20°C - 60°C (Optional -4°F – 140°F)
Storage Temperature	-30°C - 70°C (-22°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	5% – 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

Specifications subject to change.

Display

Screen Size	10.1"
Screen Resolution	1280 x 800 (WXGA)
Screen Ratio	16:10
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

Power

Input Voltage Range	9-36V DC
Max Power Consumption	56W

Operating Systems

Windows	Windows 10 IoT, Windows 11 IoT, 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

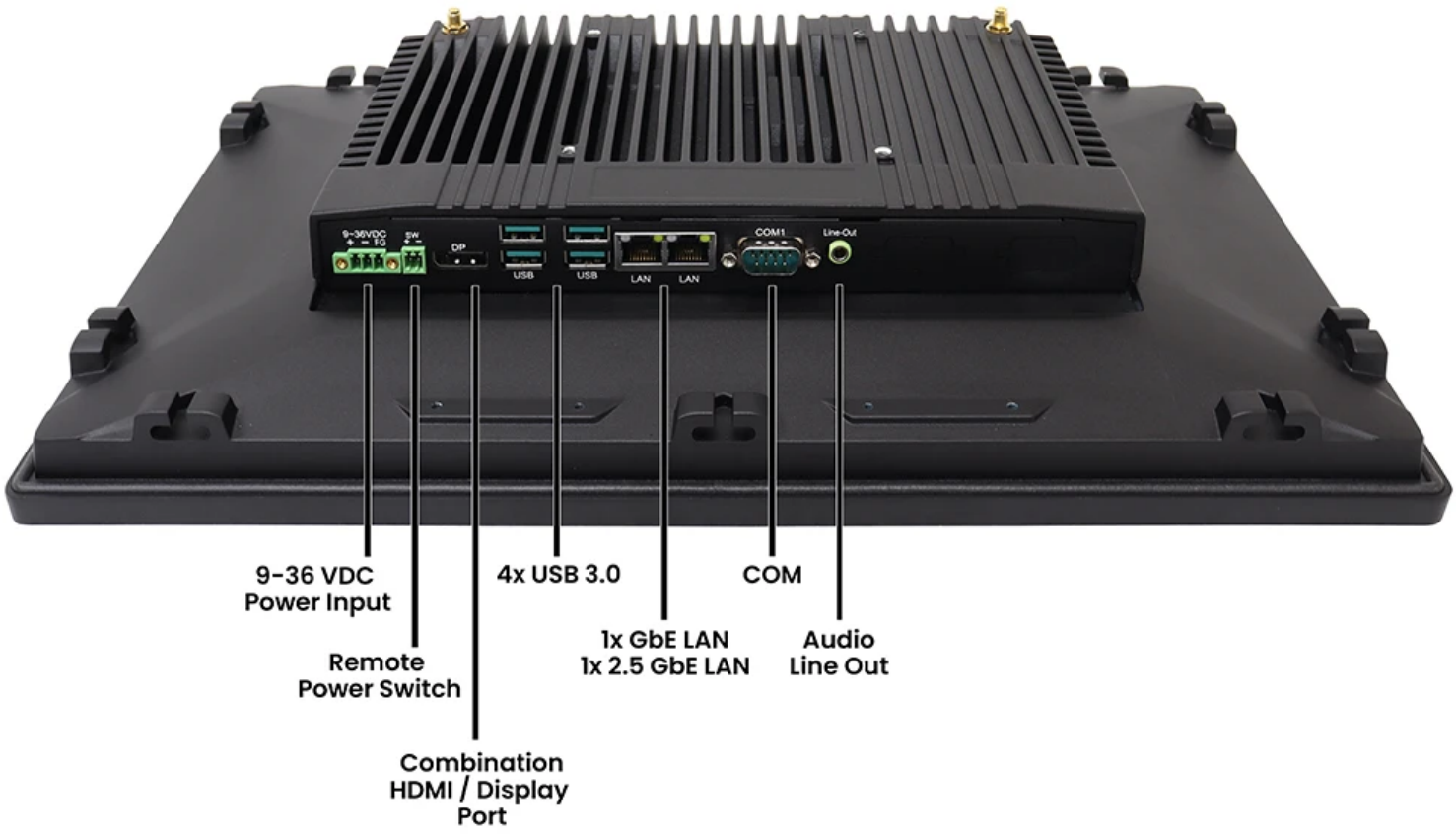
Weight	2.8 kg (6.2 lbs)
Dimensions	269 x 189 x 51 mm (10.6 x 7.4 x 2.0 in)

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I/O Diagram Images

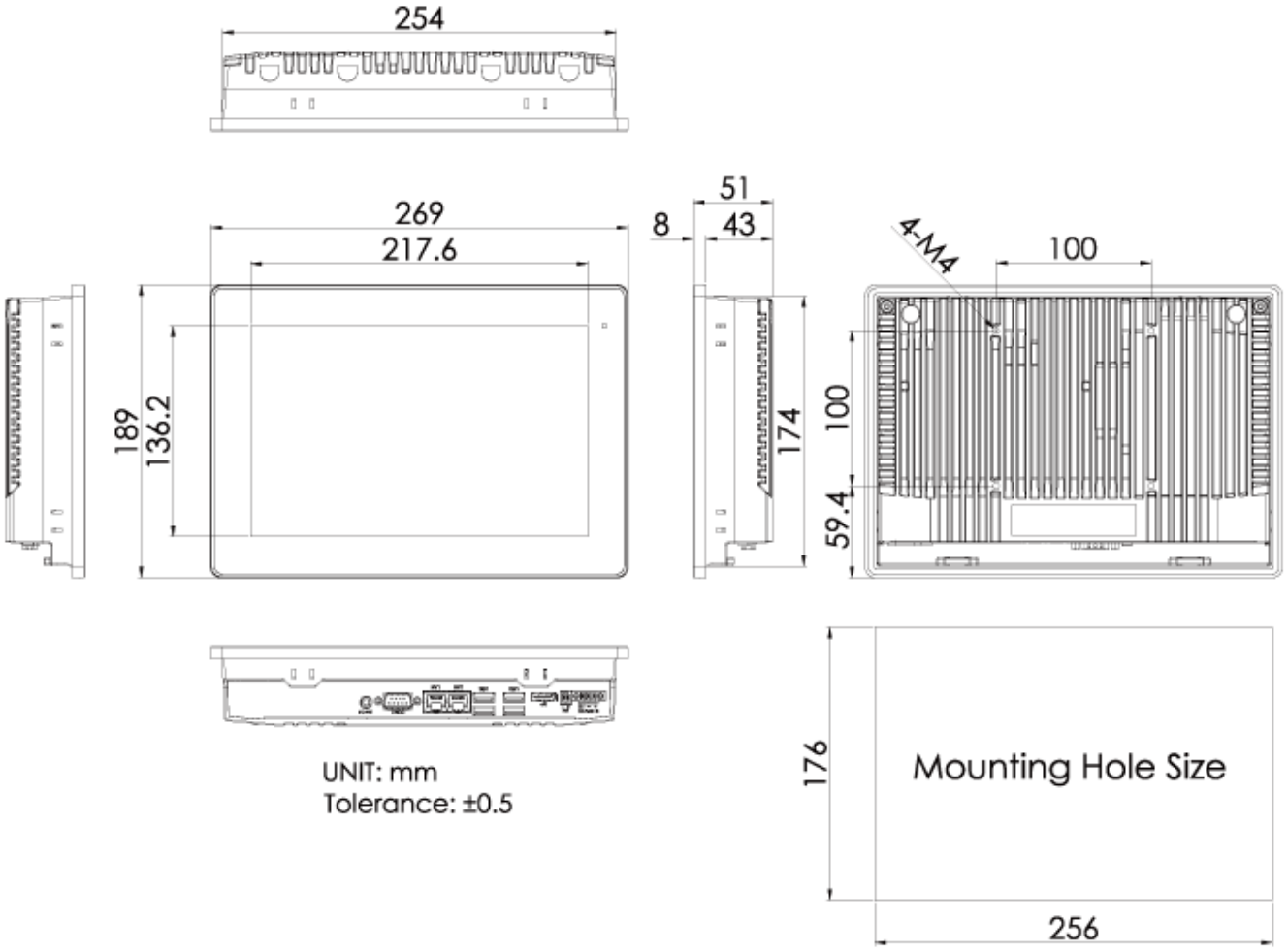


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Tech Diagram Images



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