

TP-4845-10

10" Panel PC



Key Highlights

- 10.1" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Quad Core Processor
- Designed for flexible IO expansion
- Windows 11 Capabilities
- Die Cast Aluminum Housing and IP66 Rated Front Bezel

[VIEW ONLINE](#)

The TP-4845-10 stands as a pinnacle of performance and longevity. Driven by the Intel J6412 Quad Core processor, it runs Windows 11 smoothly. Integrated WiFi 6 capability adapts seamlessly to industrial connectivity needs. The IP66 rated die-cast aluminum housing ensures resilience in challenging environments. Offering both projected capacitive and resistive touchscreen options, the [10" Panel PC](#) is an optimal solution for industrial applications that demand rugged and reliable computing.

USA

Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE

Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

Technical Specifications

Primary Components	
Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz, Up to 2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 SATA3 2242 Slot
Storage Support	M.2: 256GB-1TB

Power	
Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V AC/DC Adapter, 5A, 60W

Battery	
Battery Type	Optional Internal Battery

Operating Systems	
Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

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 with Heatsink
Humidity Range	10% – 95% Non-condensing

Peripherals & Wireless Connectivity	
WiFi	Optional WiFi
Bluetooth	Optional Bluetooth 4.0

Certification	
Certifications	CE, FCC, UL 62368

Specifications subject to change.

Display	
Screen Size	10.1"
Screen Ratio	16:10
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen	
Touch Screen	Projected Capacitive, Resistive

External I/O Ports	
USB	2x USB 2.0, 2x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	RS-232/422/485 (Default RS-232; select via BIOS)
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort, supports DP++
Audio Ports	1x Audio Line-Out
Power Input Port	2-Pin Power Switch, 3-Pin DC-In (Phoenix Type), Optional POE+, 30W with 2x USB 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	Gray
Mounting Options	Panel Mount, VESA 100 Mount

Weight / Dimensions	
Weight	1.9 kg (4.2 lbs)
Dimensions	285 x 49 x 189 mm (11.2 x 1.9 x 7.4 in)

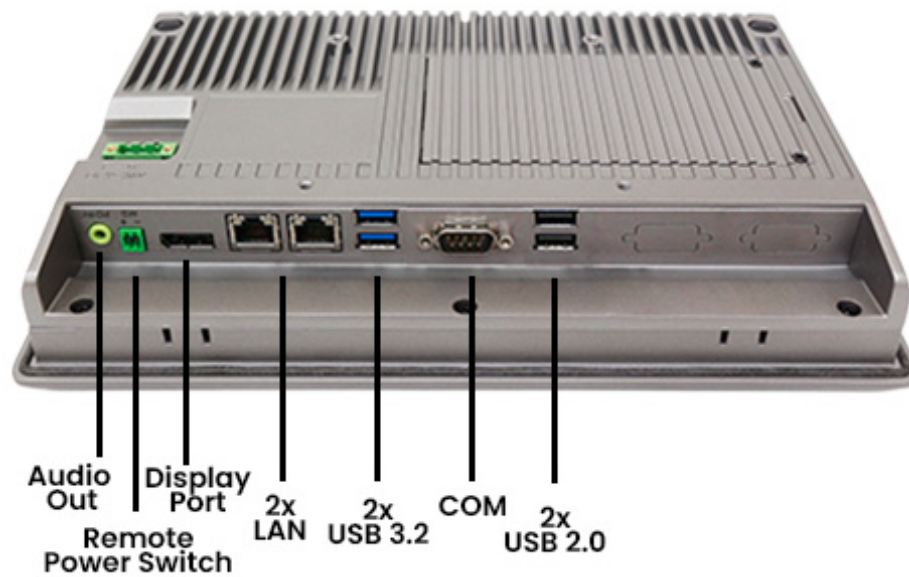
Warranty	
Warranty	Up to 5 Years

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I/O Diagram Images



USA

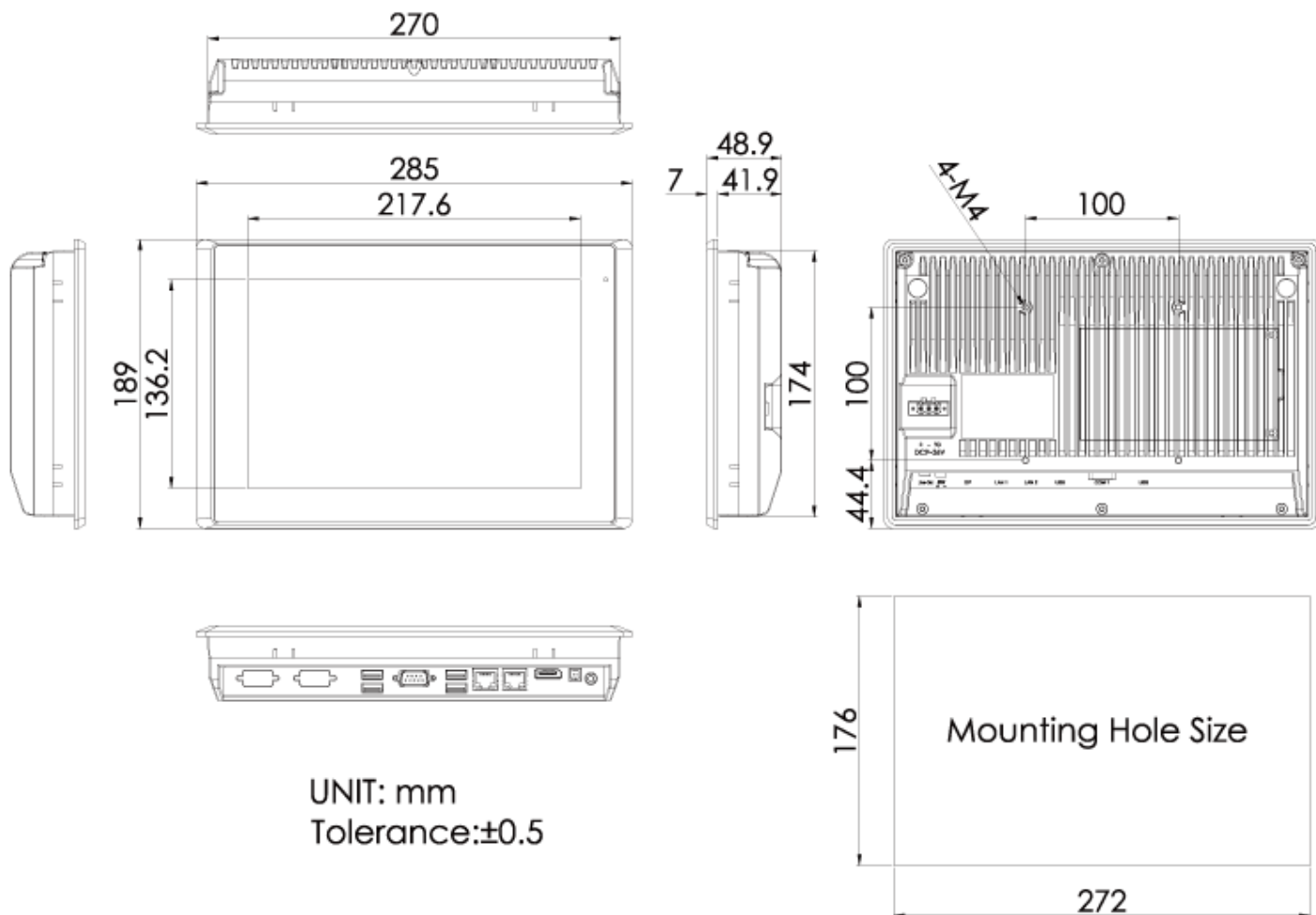
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