

TP-4845-24

24" Panel PC



Key Highlights

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

[VIEW ONLINE](#)

The 24" Panel PC epitomizes high performance and reliability. Featuring a die-cast aluminum housing and IP66-rated front bezel, it offers robust protection for industrial environments. The unit's Intel J6412 Quad Core processor guarantees seamless operation on Windows 11. The TP-4845-24 provides versatile I/O options, enhancing its adaptability. The integrated WiFi 6 helps effortlessly meet industrial connectivity requirements. The 24" Panel PC is an ideal solution for applications requiring rugged and dependable 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	12Vdc 5Amp, 60W US AC Power Cord

Battery	
Battery Type	Optional Internal Battery

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

Expansion Slots	
Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
SD card	1x Micro SD Slot

Thermal & Environmental	
Operating Temperature	0°C – 50°C (32°F – 122°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 5 or 6
Bluetooth	Optional Bluetooth 4.0, Optional Bluetooth 5.3

Certification	
Certifications	CE, FCC, UL 62368

Specifications subject to change.

Display	
Screen Size	23.8"
Screen Ratio	16:9
Brightness	250 nits

Touch Screen	
Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports	
USB	2x USB 2.0, 2x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	RS-232 Default/RS-422/RS-485
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort
Audio Ports	1x 3.5mm Audio Line-Out
Power Input Port	DC-in Jack (Phoenix Type)

Compatibility	
Security Hardware	TPM 2.0

Multimedia	
Speakers	1x 2W Speaker

Enclosure	
Material	Aluminum
IP Rating	IP66 Front Bezel
Color	Gray
Mounting Options	Panel Mount, VESA 100 Mount

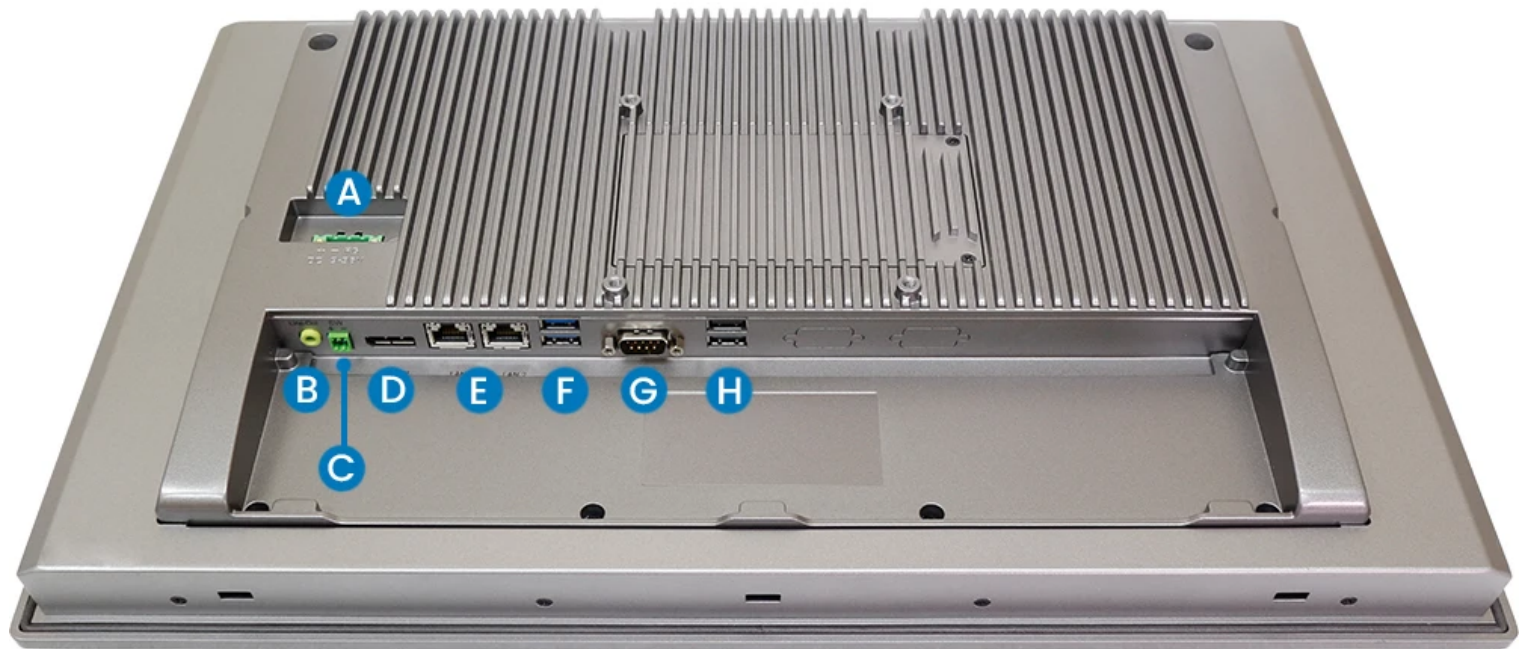
Weight / Dimensions	
Weight	14.8 kg (32.6 lbs)
Dimensions	640 x 65.1 x 395 mm (25.2 x 2.6 x 15.6 in)

Warranty	
Warranty	Up to 5 Years

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- A** DC In
- B** Audio Line Out
- C** Remote Power Switch
- D** Display Port

- E** LAN (x2)
- F** USB 3.2 (x2)
- G** COM
- H** USB 2.0 (x2)

USA

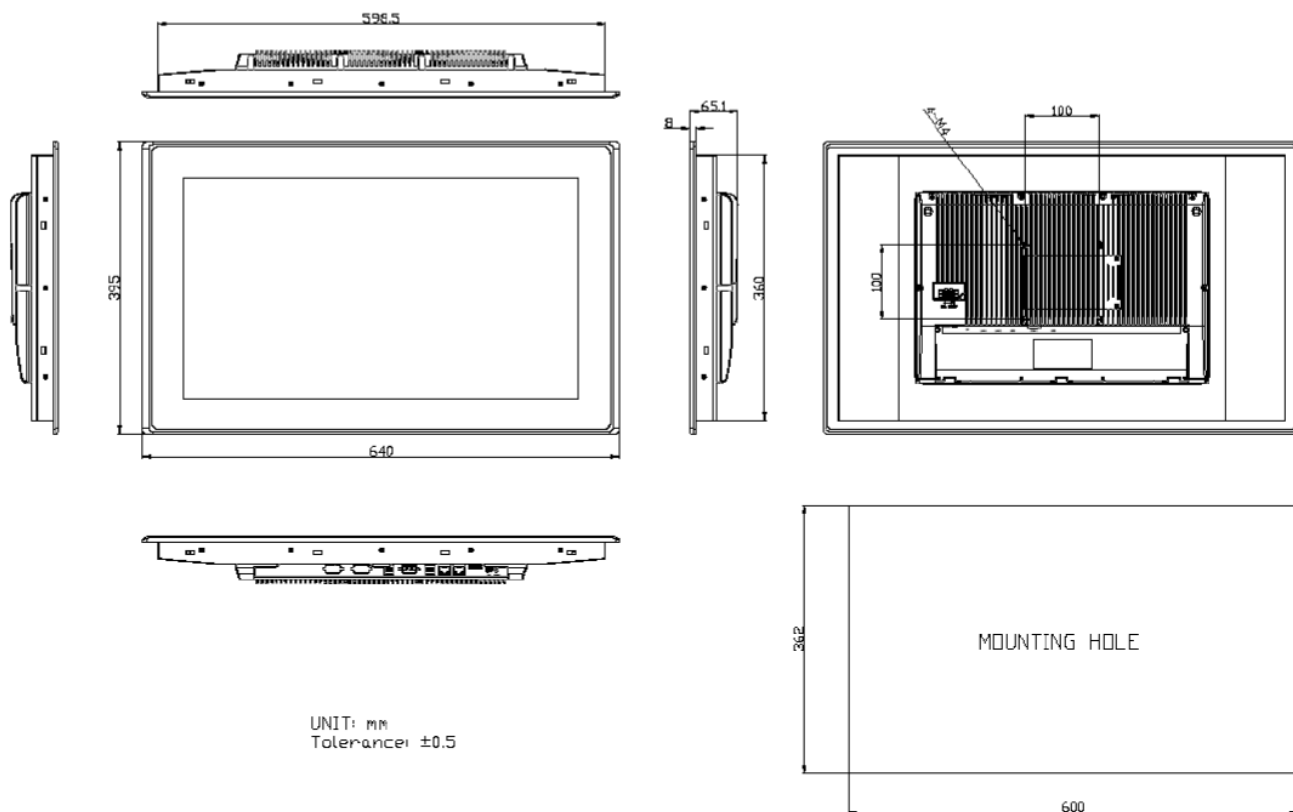
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