

TP-4845-07

7" Panel PC



Key Highlights

- Resistive or PCAP 7" Touchscreen Options
- Intel Celeron J6412 Quad Core Processor
- Die Cast Aluminum Housing and IP66 Rated Front Bezel
- WiFi 6 Capable
- Windows 11 Capabilities

[VIEW ONLINE](#)

The [7" Panel PC](#) is an ideal solution for space restricted applications that need rugged computing. Fueled by the Intel J6412 Quad Core processor, this unit can run Windows 11 operating system smoothly. This compact unit features integrated WiFi 6, catering to demanding industrial environments. The die-cast aluminum housing and IP66 rated front bezel ensures reliability amidst harsh industrial conditions. Expandable I/Os options allow for a tailor-made solution that is finely tuned to meet specific requirements for your project.

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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

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)

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

Weight / Dimensions	
Weight	1.1 kg (2.4 lbs)
Dimensions	202 x 149 x 40 mm (8.0 x 5.9 x 1.6 in)

Specifications subject to change.

Display	
Screen Size	7"
Screen Ratio	5:3
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	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 with Heatsink
Humidity Range	10% - 95% Non-condensing

Peripherals & Wireless Connectivity	
WiFi	Optional WiFi
Bluetooth	Optional Bluetooth 4.0

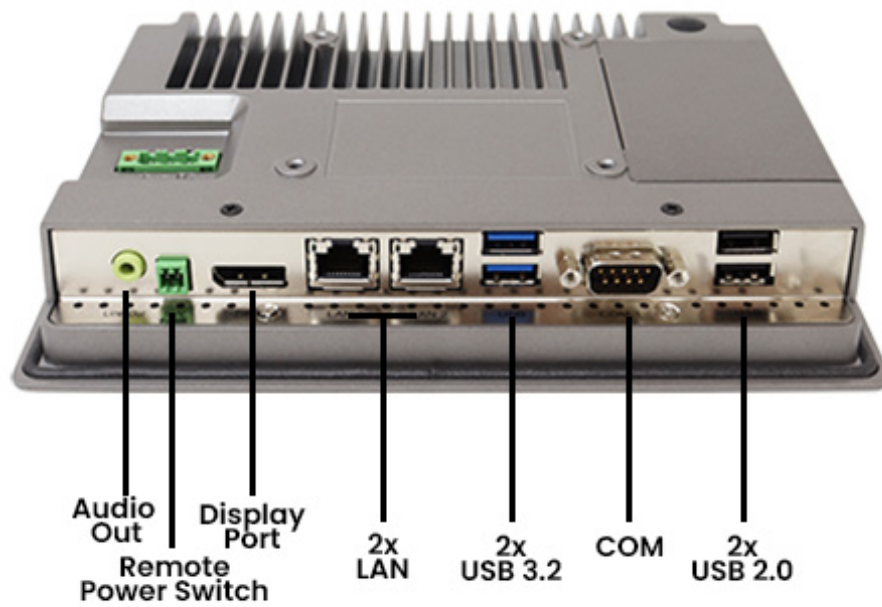
Warranty	
Warranty	Up to 5 Years

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I/O Diagram Images



USA

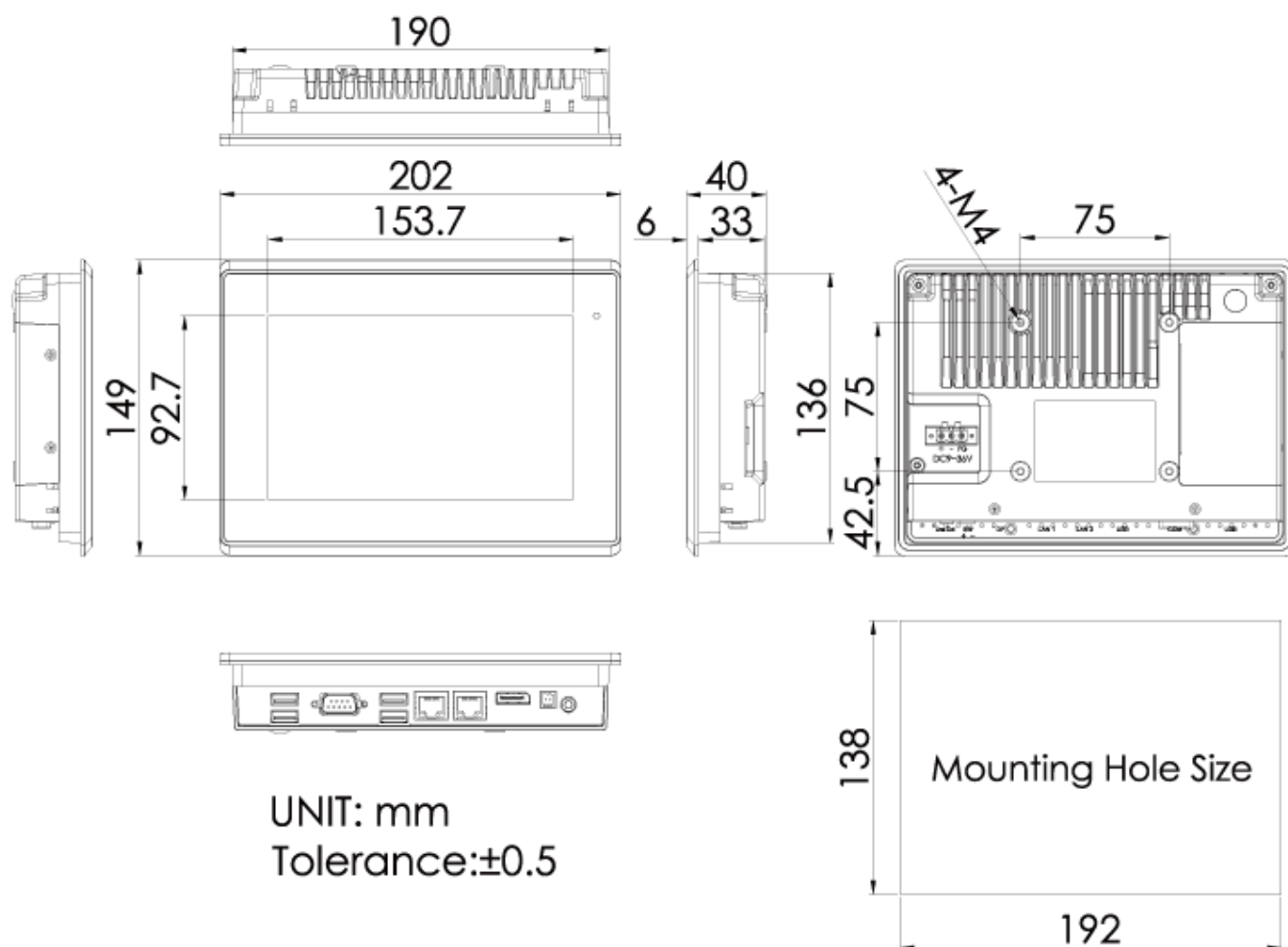
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