

TP-4810-10

10" Fanless Panel PC



Key Highlights

- 10" Resistive or P-Capacitive Touchscreen Display
- Fanless Cooling System
- Intel Celeron J6412 Processor
- Windows 11 Capabilities
- Multiple Inputs and Outputs including 4x USB, 1 Gb LAN, 2.5 Gb LAN, 3x COM and more

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This compact 10" [panel PC](#) is a slim, fanless computer suitable for a wide variety of applications. The TP-4810-10 is built with the Intel Celeron J6412 processor, which is powerful enough to run Windows 11 operating system smoothly. This unit is packed with abundant inputs and outputs, including 3x COM, 2x USB 2.0, 2x USB 3.2, 1x Gigabit LAN, 1x 2.5 Gigabit LAN, and more. Panel mounting hardware is included, making for quick and easy installation in your operations. Additionally, the front bezel is IP66 waterproof rated and can come in either resistive or P-capacitive touchscreens.

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Technical Specifications

Primary Components	
Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (internal, not with removable drive in use), 1x M.2 SATA3 2280 Slot
Storage Support	M.2 and 2.5": 128GB - 1TB

Power	
Input Voltage Range	12-28V DC
Max Power Consumption	53.5W
Standard Power Adapter	60 watts, 100 ~240V AC in, 19V DC out

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

Compatibility	
Security Hardware	Optional TPM 2.0

Thermal & Environmental	
Operating Temperature	0°C - 45°C (32°F - 113°F)
Storage Temperature	-20°C - 65°C (-4°F - 149°F)
Cooling Solution	Passive - Fanless with Heatsink
Humidity Range	10% - 90% Non-condensing
Storage Humidity	10% - 90% Non-condensing

Weight / Dimensions	
Weight	3.0 kg (6.6 lbs)
Dimensions	313 x 240 x 54 mm (12.3 x 9.4 x 2.1 in)

Warranty	
Warranty	1 Year

Specifications subject to change.

Display	
Screen Size	10.4"
Screen Ratio	4:3
Brightness	230 nits

Touch Screen	
Touch Screen	Projected Capacitive (Multi-touch), Resistive
Hardness	Resistive: 3H, P-cap: 7H

External I/O Ports	
USB	2x USB 2.0, 2x USB 3.2
Serial / Com	3x COM
Serial Protocol Detail	1x RS-232, 2x RS-232/422/485
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x HDMI, 1x VGA
Audio Ports	2x 3.5mm Audio Line-Out/Mic-In
Power Input Port	4-Pole DIN (latching)

Expansion Slots	
Internal M.2	1x M.2 Type B
Other	1x SIM socket connected to M.2 B-Key

Enclosure	
Material	Aluminum front bezel and SECC Steel Chassis
IP Rating	IP66 Front Bezel
Color	Black
Control Buttons	Power Reset

Certification	
Certifications	CE, FCC

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I/O Diagram Images



USA

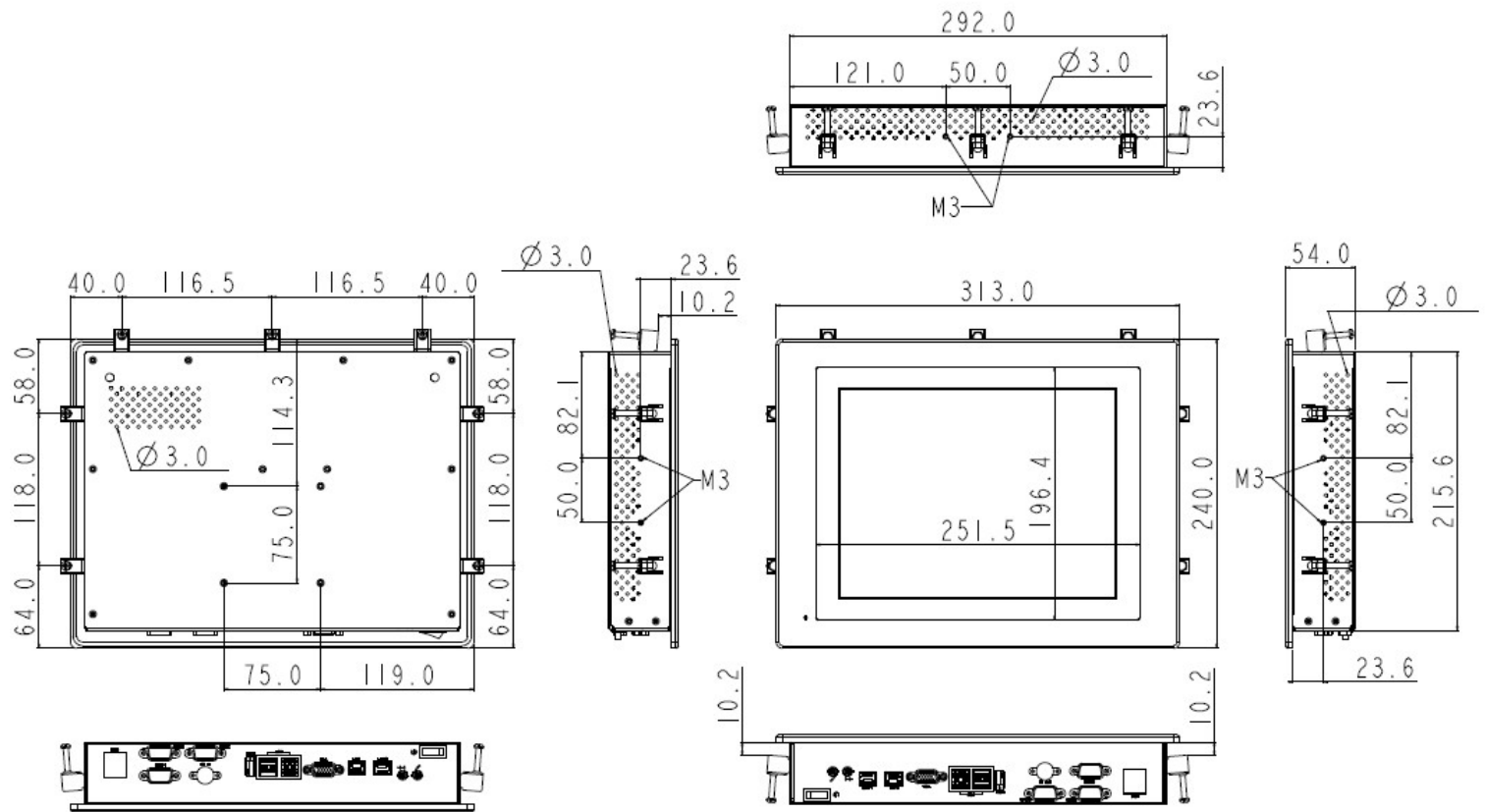
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