

# TM-4815-10

## 10" Medical Panel PC



### Key Highlights

- 10" Projected Capacitive Touchscreen with Optical Bonding
- Intel Celeron N6210 Elkhart Lake CPU
- Programmable LED light bars on both sides
- Multiple I/Os such as 1x HDMI, 1x RS-232, 1x GbE, 2x USB 3.2
- IP65 Rated

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The 10" Medical Panel PC with Touch is a compact and versatile solution tailored to meet the specific needs of healthcare professionals. Its 10-inch optical bonding touchscreen offers intuitive and responsive interaction, enhancing workflow efficiency. With optional features like an RFID reader capable of reading various credentials, Power over Ethernet (PoE) for simplified installation, and programmable LED light bars for clear visual indicators, it adapts seamlessly to diverse medical environments. Its flush wall-mount design saves space while ensuring easy access to critical data. Whether used for patient records, patient vitals, or part of a medical system, this panel PC delivers reliability and performance crucial for modern healthcare.

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# Technical Specifications

## Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron N6210
Processor Speed	1.2 GHz, Up to 2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 2242 Slot, SATA3 or NVMe
Storage Support	M.2: 128GB-512GB

## External I/O Ports

USB	2x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	RS-232
Ethernet / LAN	1x Optional Gbe LAN PD POE Class 4 802.3at/Class 5 802.3bt, 1x RJ45 GbE LAN
Video Outputs	1x HDMI
Audio Ports	1x 3.5mm Audio Line-Out/Mic-In
Power Input Port	DC-in via adapter cable

## Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless
Humidity Range	10% - 95% Non-condensing

## Peripherals & Wireless Connectivity

WiFi	Intel® Wi-Fi 6E AX210
Bluetooth	Bluetooth 5.0

## Certification

Certifications	CE, UL 62368
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## Display

Screen Size	10.1"
Screen Resolution	1280 x 800 (WXGA)
Screen Ratio	5:04
Brightness	400 nits

## Touch Screen

Touch Screen	Optically Bonded Projected Capacitive
Hardness	6H

## Power

Input Voltage Range	12V DC, Optional POE with PD
Standard Power Adapter	External Medical Grade, 65W, 12Vdc, 5.42A, with US Power Cord

## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro
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## Multimedia

Speakers	2x 1W Speakers
Microphone	Built-in Microphone

## Enclosure

Material	PC+ABS
IP Rating	IP65 Front Bezel
Color	White
Control Buttons	AT/ATX, Clear CMOS, Power Button, Reset Button
Mounting Options	VESA 75 Mount

## Weight / Dimensions

Weight	2.8 kg (6.2 lbs)
Dimensions	261 x 40 x 196.4 mm (10.3 x 1.6 x 7.7 in)

## Warranty

Warranty	Up to 2 Years
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Specifications subject to change.

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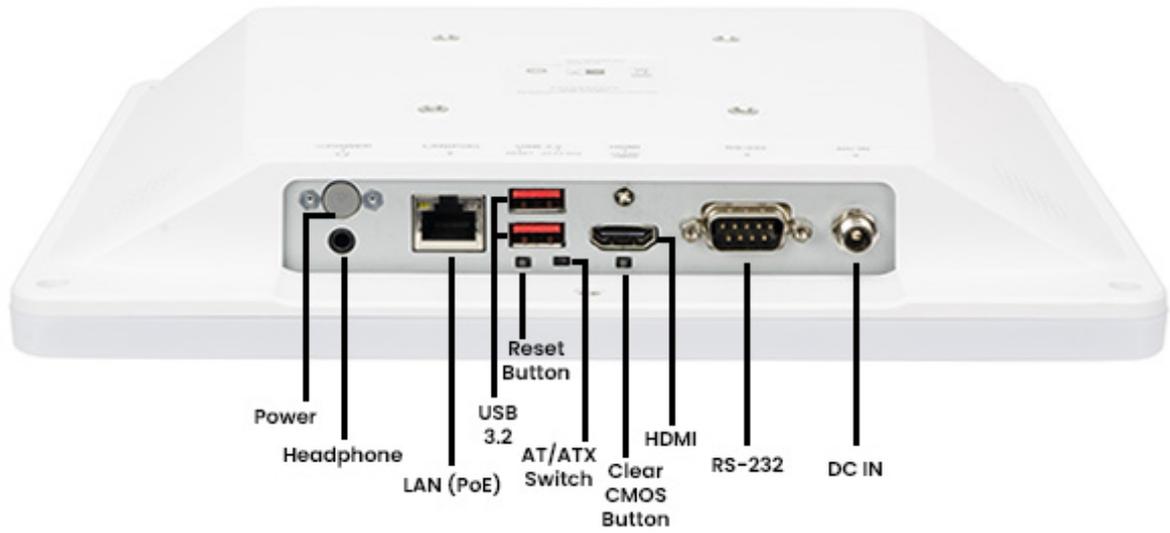
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## I/O Diagram Images



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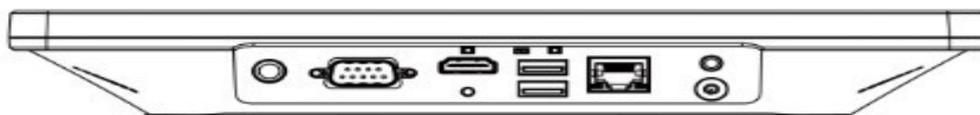
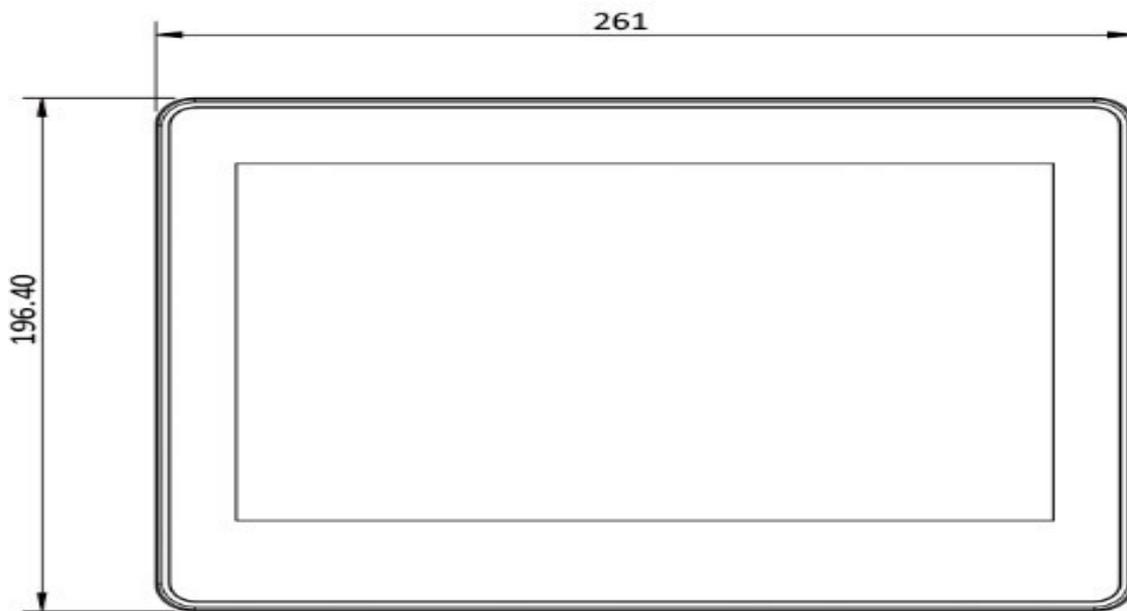
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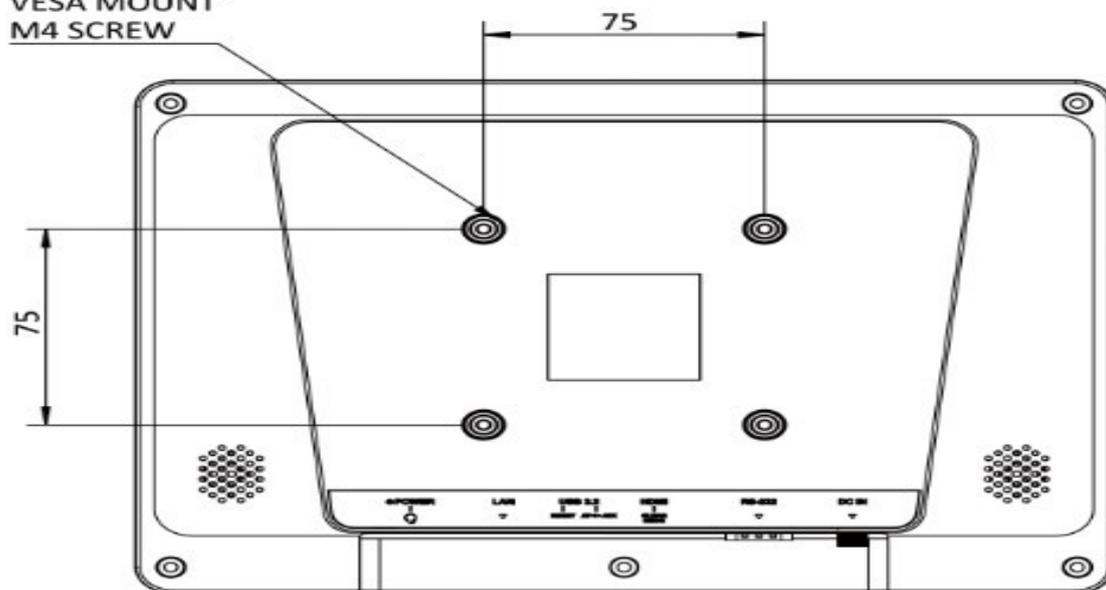
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# Tech Diagram Images



VESA MOUNT  
M4 SCREW



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