

TM-7110-24F

24" Medical PC



Key Highlights

- 23.5" Touch Screen
- Intel 13th Generation Core i5 CPU
- Medically Compliant with 60601-1-2 ED4.1
- Optional Isolated I/O Ports
- Windows 11 Ready

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The 24" Medical PC presents a spacious interface, ideal for critical visual tasks such as medical imaging, surgery room computing, and radiograph room operations. Medically compliant and fortified with isolated IO ports, it ensures data security. With an Intel 13th Generation Core i5 CPU, it delivers robust performance. AI is becoming essential in medical applications, and the TM-7110-24F offers AI acceleration support via DDR5. Windows 11 compatibility enhances user experience and software compatibility. With these features, the 24" Medical PC offers a comprehensive solution for modern medical environments, prioritizing efficiency, reliability, and patient care.

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Technical Specifications

Primary Components	
Processor Family	Intel Core I series 13th Generation Raptor Lake
Processor Model	Core i5-13500TE
Processor Speed	6x Performance Cores @ 1.3 GHz, up to 4.5 GHz, 8x Efficient Cores @1.1 GHz, up to 3.1GHz
Memory Type	2x DDR5 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB, 64GB, 96GB

External I/O Ports	
USB	1x USB 3.2 Type-C (DP 1.4A), 4x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	1x RS232/RS422/RS485, 1x RS232
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x DisplayPort, supports DP++, 1x HDMI
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	DC-in via adapter cable

Compatibility	
Security Hardware	fTPM 2.0, Intel vPro Technology: Intel AMT Supported

Multimedia	
Camera	Optional 5MP Webcam

Enclosure	
Material	Anti-Microbial
IP Rating	IP65 Front Bezel, IPX1 enclosure
Color	White
Control Buttons	Audio Down, Audio Up, Brightness Down, Brightness Up, Clean me, Display on/off, Power Button, Programming Function Key, Reading Light
Mounting Options	VESA 100 Mount

Weight / Dimensions	
Weight	9 kg (19.8 lbs)
Dimensions	594 x 74.7 x 397 mm (23.4 x 2.9 x 15.6 in)

Specifications subject to change.

Display	
Screen Size	23.8"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen	
Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H

Power	
Standard Power Adapter	Input 100/240 AC, Output 19VDC, 250W

Battery	
Battery Type	Optional 10.8V/10350mAh Battery

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

Expansion Slots	
Video Card Support	MXM, laptop graphics card NVidia A1000, A2000, A4500

Thermal & Environmental	
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Active - with Fan
Humidity Range	10% - 90% Non-condensing
Storage Humidity	10% - 90% Non-condensing

Peripherals & Wireless Connectivity	
WiFi	WiFi 6 / 802.11 a/b/g/n/ac/ax
Bluetooth	Bluetooth 5.0
RFID	Optional 13.56 Mhz

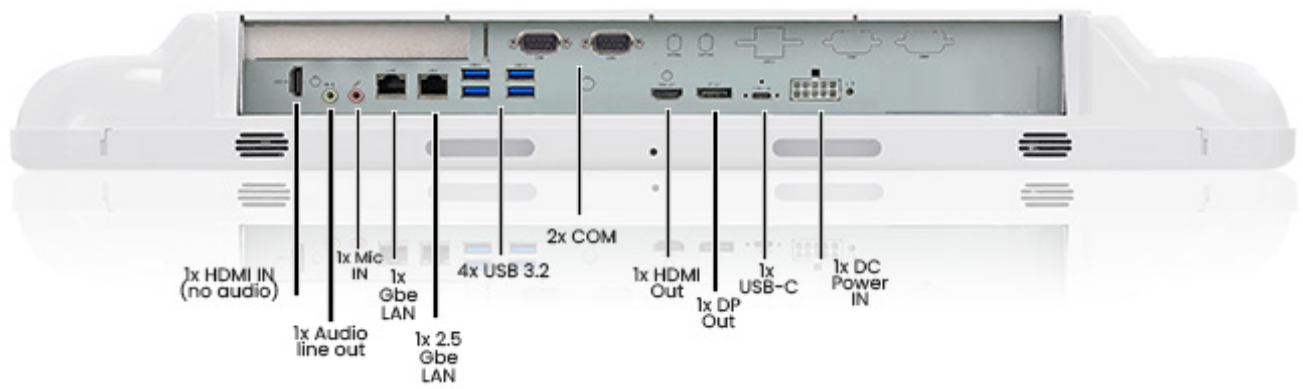
Warranty	
Warranty	Up to 5 Years

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I/O Diagram Images



USA

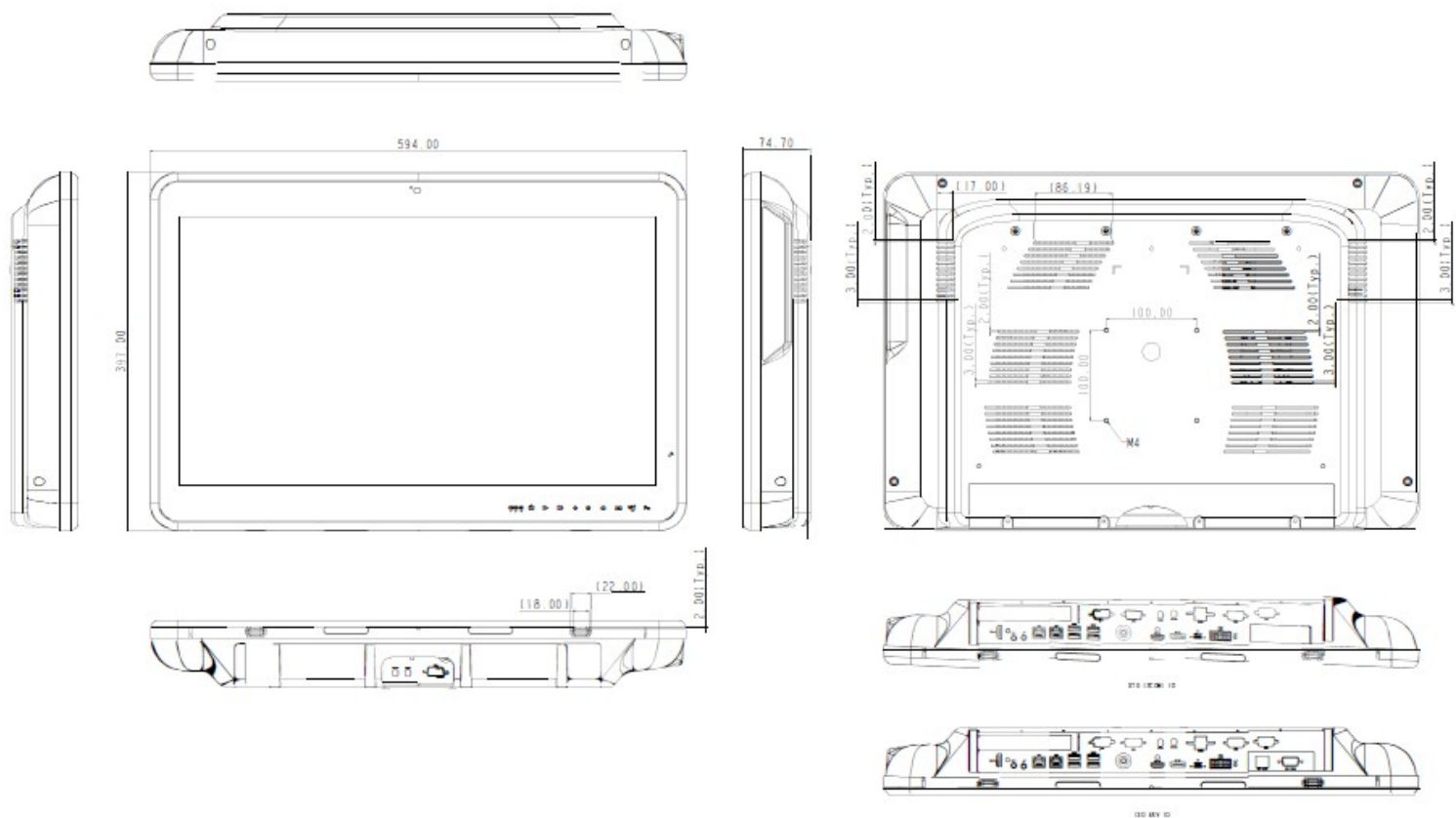
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