

TM-5900-24

24" Medical All in One PC



Key Highlights

- 11th Generation Intel Tiger Lake Processor
- Full HD Display w/ P-Capacitive Touchscreen
- Fanless, Slim, & Lightweight Design
- Optional Backup Battery Pack
- Telemedicine Capable w/ Microphones, Speaker & Camera
- Guaranteed Life Cycle Support Until 2030

[VIEW ONLINE](#)

The TM-5900-24 is an absolute powerhouse of a medical all-in-one PC. This medical computer comes standard with a high performance 11th Generation Intel Tiger Lake processor, a 24" full HD display, and a P-capacitive touchscreen, all packed into a slim and sleek all-in-one computer weighing only 16.5 lbs. The TM-5900-24's light weight and slim profile, along with an optional battery pack, make it a perfect selection for mobile medical cart usage. This medical all-in-one also features dual microphones, a 5MP wide angle camera and optional speakers, so it's also a great choice as a telemedicine station, or mobile entertainment center for hospital patients. Combine all of this with longterm support for seven years and guaranteed life cycle support until 2030, and you're left with the most impressive medical all-in-one PC on the market today. [Read a 3rd party review of the TM-5900-24 from ruggedpcreview.com >](#)

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Technical Specifications

Primary Components	
Processor Family	Intel Core I series 11th Generation Tiger Lake
Processor Model	Core i5-1135-G7
Processor Speed	Up to 4.2 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, 1x M2
Storage Support	M.2 SATA and 2.5": 128GB-1TB

Power	
Input Voltage Range	19V DC
Standard Power Adapter	4.74 Amp AC/DC Adapter

Battery	
Battery Type	Removable 10.8V/9220mAh Battery
Battery Operating Time	2hrs

Compatibility	
Security Hardware	TPM 2.0

Multimedia	
Speakers	2x 3W Speakers
Camera	5MP Webcam
Microphone	2x Built-in Microphones

Enclosure	
Material	Die-Casting / Plastic
IP Rating	IP65 Front Bezel
Color	White
Control Buttons	Audio Down, Audio Up, Brightness Down, Brightness Up, Touchscreen Lock for Cleaning
Mounting Options	VESA Mount

Weight / Dimensions	
Weight	7.8 kg (17.2 lbs)
Dimensions	581 x 351 x 43 mm (22.9 x 13.8 x 1.7 in)

Warranty	
Warranty	1 Year

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	4x USB 2.0, 4x USB 3.0
Serial / Com	1x COM
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Audio Ports	1x 3.5mm Speaker Box Jack

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

Expansion Slots	
Internal M.2	1x M.2
Expansion Module support	Speaker Box
Other	RFID

Thermal & Environmental	
Operating Temperature	0°C - 35°C (32°F - 95°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless

Peripherals & Wireless Connectivity	
WiFi	Wifi 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.2
RFID	Optional RFID (LF/HF)
Peripheral Other	Camera Privacy Latch

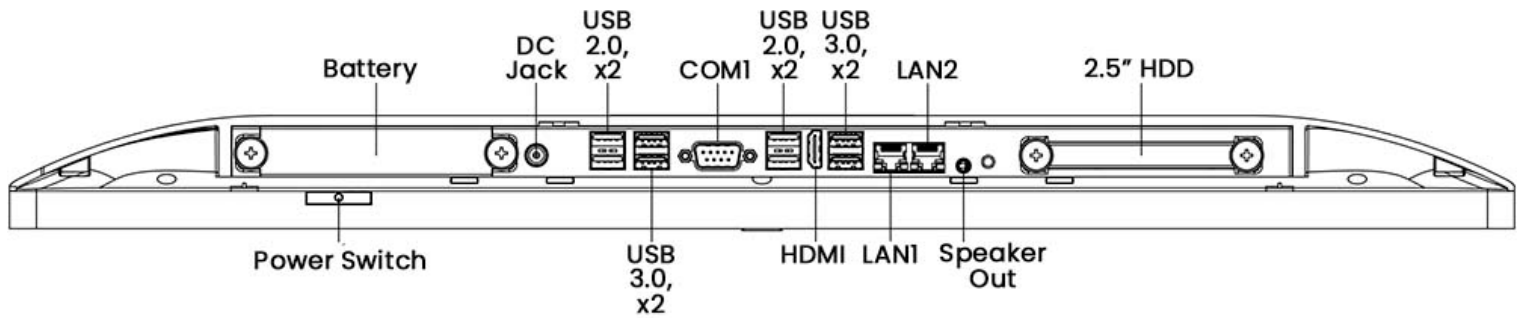
Certification	
Certifications	60601-1 4th Edition, FCC Class B

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I/O Diagram Images



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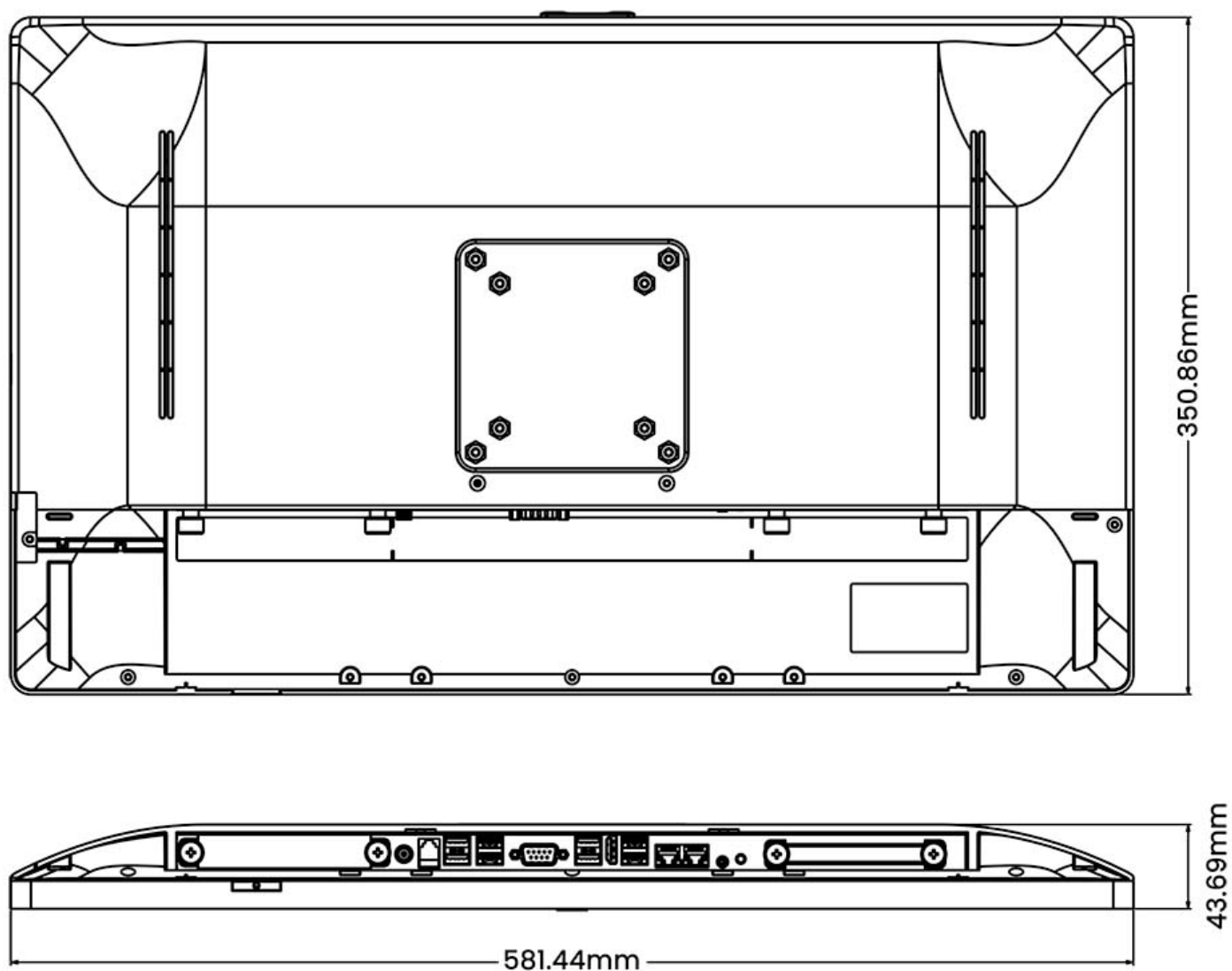
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