TEGUAR

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, and Lightweight Design
- Medically Certified and Telehealth ready w/ Microphones, Speaker, and Camera
- Optional Backup Battery Pack

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 Resolution	1920 x 1080 (Full HD)
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

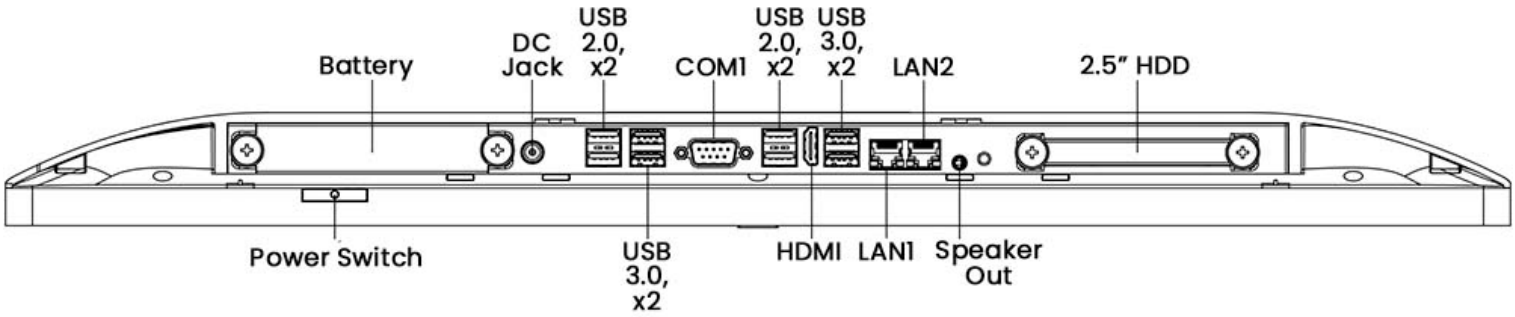
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I/O Diagram Images



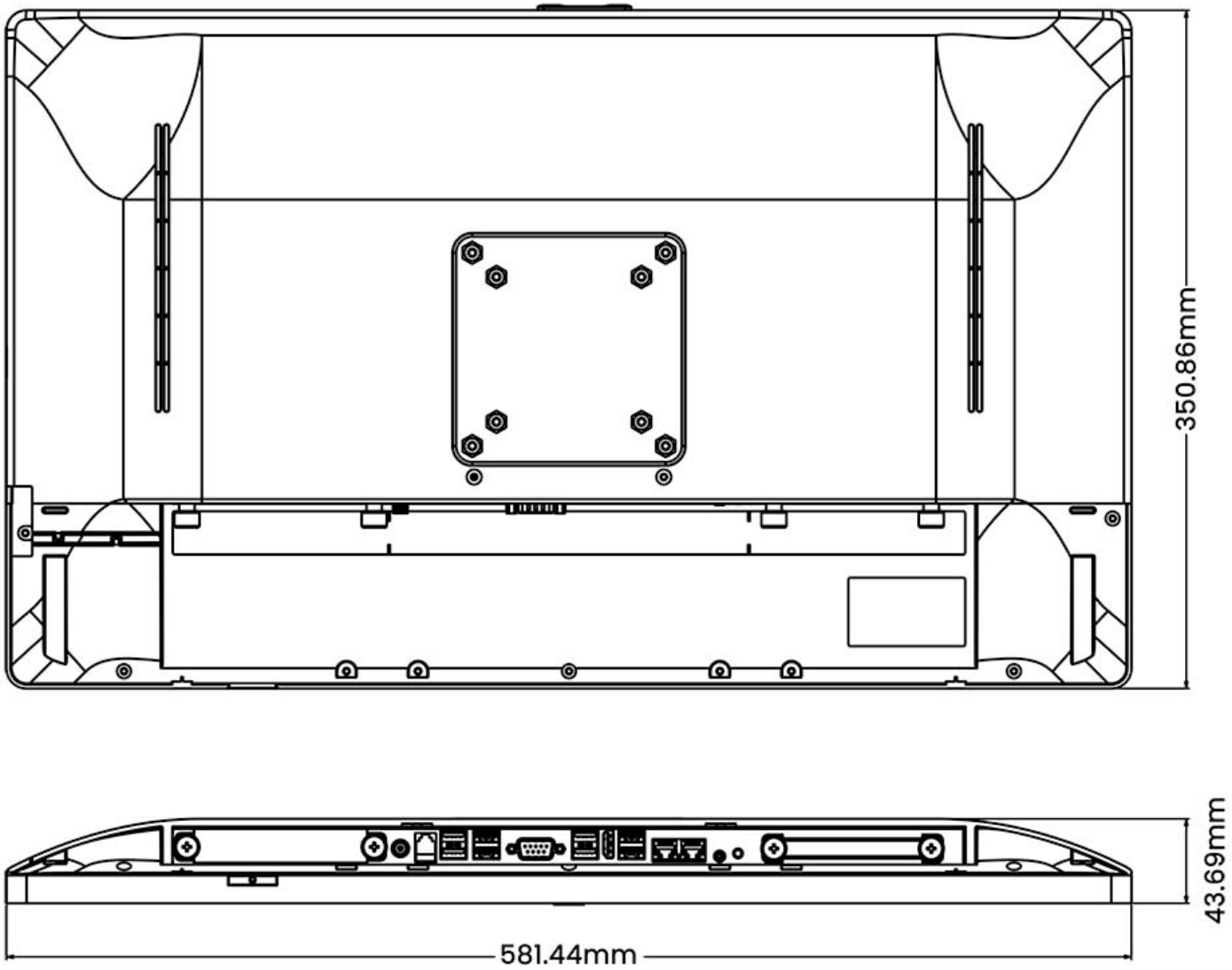


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Tech Diagram Images



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