TEGUAR

TM-5510-24

24" Medical Cart Computer with Hot Swappable Batteries



Key Highlights

- 23.8" Pcap Touchscreen
- 7th Gen Intel Core i5/i7 Processor
- Easy Access Hot-Swappable Batteries for 24/7 operation
- 60601-1 4th Edition Medically Certified
- 1x PCI-Ex4 Slot
- Anti-bacterial Housing with Front Control Buttons
- Optional TPM 2.0 Security

VIEW ONLINE

The TM-5510-24 features three hot-swappable batteries which give you 24/7 runtime, ideal for non-powered medical carts or Work Stations on Wheels (WOW). The high-resolution HD touchscreen and high performance Intel Kabylake CPU make this computer a premier choice in medical computers. This PC is ideal for applications including nursing stations, operating room imaging system, radiology information systems and other EMR systems, including EPIC software. Its fanless system prevents the spread of germs and allows for silent operation. The TM-5510-24 is 60601-1 4th Edition Certified and EMC 4.0/ Safety 3.1 Certified. It has easy-clean, anti-bacterial housing to prevent bacteria growth and an IP65 rated front bezel that can resist harsh cleaning chemicals.

USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

Technical Specifications

Primary Components

Processor Family	Intel Core I series 7th Generation Kaby Lake
Processor Model	Core i5-7200U
Processor Speed	2.5 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD, M.2
Storage Support	32GB-1TB

External I/O Ports

USB	2x Optional USB 3.0, 4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	2x DisplayPort
Audio Ports	1x Audio Line-Out

Expansion Slots

Video Card Support	Intel HD620

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% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Weight / Dimensions

Weight	9 kg (19.8 lbs)
Dimensions	594 x 397 x 56 mm (23.4 x 15.6 x 2.2 in)

Certification

Certifications	60601-1 4th Edition, CE, FCC Class B, IEC 62133, UL 60950

Warranty

Warranty	1 Year

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)
Hardness	7H

Power

Standard Power Adapter	100~240V / 47~63 Hz

Battery

Battery Type	Optional Hot Swappable Battery

Operating Systems

Windows	Windows 10 IoT

Compatibility

Security Hardware	Optional TPM 2.0, Optional VPro

Multimedia

Camera	Optional 5MP Webcam
Microphone	Built-in Microphone

Enclosure

Material	Plastic
IP Rating	IP65 Front Bezel
Color	White
Led Indicator Light	Battery, Clean me, Fn Key, LCD On/Off
Control Buttons	Audio Down, Audio Up, Brightness Down, Brightness Up, Display on/off, Reading Light, Touchscreen Lock for Cleaning
Programmable Function Buttons	1x Programmable Function Key
Mounting Options	Table Mount, VESA 100 Mount
Approved Cleaning Solutions	Alcohol, Chlorine and Compounds, Glutaraldehyde, Hydrogen Peroxide, Ortho-phthalaldehyde (OPA), Quaternary Ammonium Compounds

Specifications subject to change.

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I/O Diagram Images

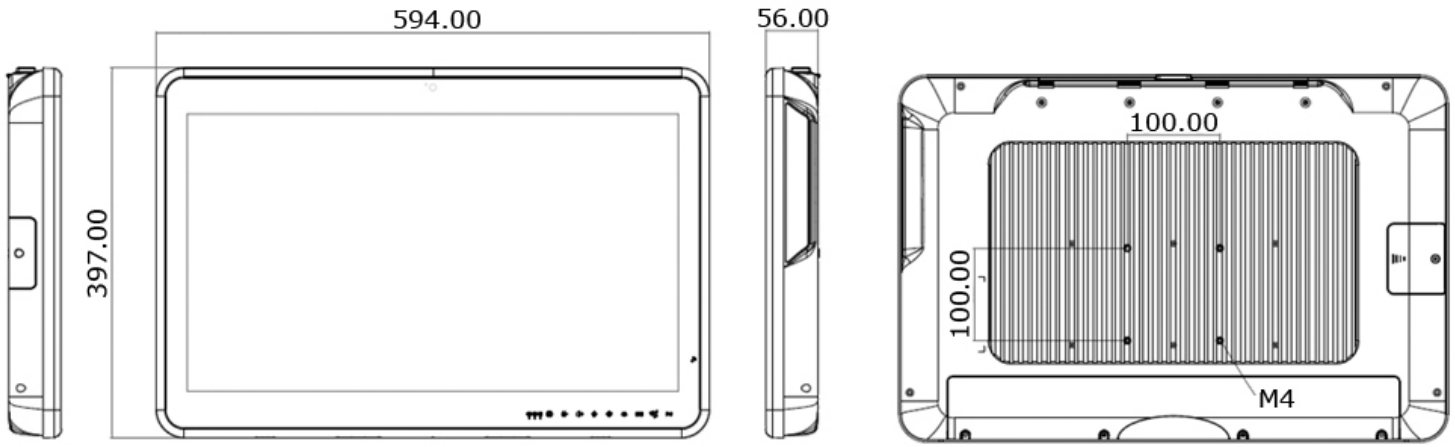


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Tech Diagram Images



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