

# TME-5940-22

## 22" Battery Powered Medical Computer



### Key Highlights

- 21.5" Flush Front HD Display with PCAP Touch
- Intel 11th Generation Tiger Lake CPU
- Windows 11 Compatible
- 3-Bay Hot Swappable Batteries
- Power Output for PTZ Cameras
- Accessible SSD Bay Door
- [Need customization? Click here for OEM services.](#)

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The 22" [Battery Powered Medical Computer](#) redefines healthcare technology, integrating a powerful 11th Gen Tiger Lake CPU and the intuitive Windows 11 OS. Its standout feature, the 3-bay hot-swappable batteries, ensures continuous operation, minimizing downtime in critical medical scenarios. With advanced connectivity through WiFi 6 and Bluetooth, seamless data exchange and communication are guaranteed. The inclusion of RFID and a smart card reader enhances security, providing healthcare professionals with secure access to sensitive data. This innovative combination of features in the 22" Battery Powered Medical Computer symbolizes a commitment to efficiency, reliability, and advanced technology in the medical field.

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# Technical Specifications

## Primary Components

Processor Family	Intel Core I series 11th Generation Tiger Lake
Processor Model	Core i5 1145G7E
Processor Speed	1.5 GHz, Up to 4.1 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	2x NVME SSD M.2 2280
Storage Support	32GB-1TB

## Power

Input Voltage Range	12-48V DC
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## Battery

Battery Type	Optional Hot Swappable Battery
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## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
Linux	Linux

## Expansion Slots

Internal M.2	1x M.2 Slot half-size Type E
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## 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
Humidity Range	10% - 90% Non-condensing

## Peripherals & Wireless Connectivity

WiFi	802.11 AX
Bluetooth	Bluetooth 5.1
RFID	Optional RFID Reader

## Certification

Certifications	60601-1 3.2 Edition, CE, FCC, LVD
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*Specifications subject to change.*

## Display

Screen Size	21.5
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

## Touch Screen

Touch Screen	Projected Capacitive
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## External I/O Ports

USB	2x USB 2.0, 4x USB 3.0
Serial / Com	2x RJ48, 1x DB9
Ethernet / LAN	2x RJ45 GbE LAN
Other Ports	1x Powered USB 24V
Audio Ports	1x Audio Line-Out, 1x Mic-In
Power Input Port	4-Pole DIN (latching)

## Compatibility

Security Hardware	TPM 2.0
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## Multimedia

Speakers	1x 3W Speaker
Camera	Optional 5MP Webcam

## Enclosure

Material	Anti-Microbial, Plastic
IP Rating	IP65 Front Bezel
Color	White
Control Buttons	Power Button
Mounting Options	VESA 100 Mount, VESA 75 Mount

## Weight / Dimensions

Weight	5.5 kg (12.1 lbs)
Dimensions	533 x 59 x 325 mm (21.0 x 2.3 x 12.8 in)

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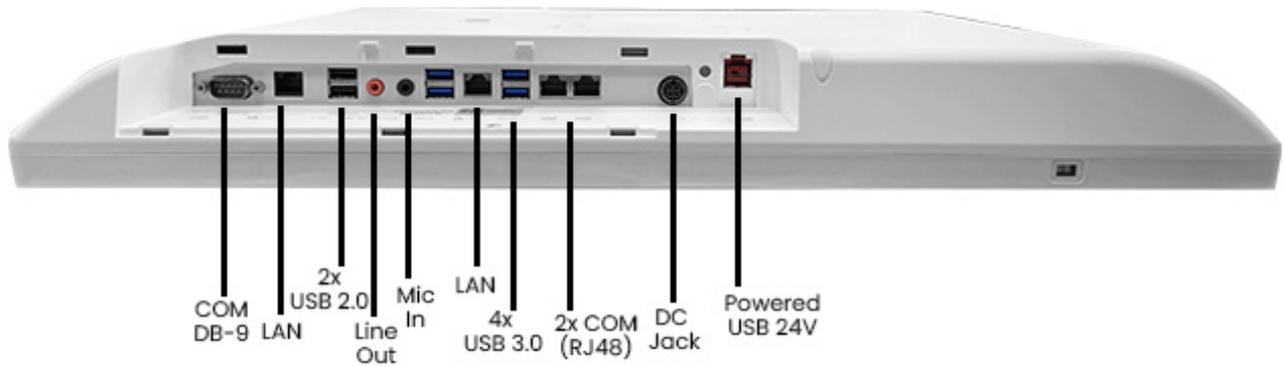
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## I/O Diagram Images



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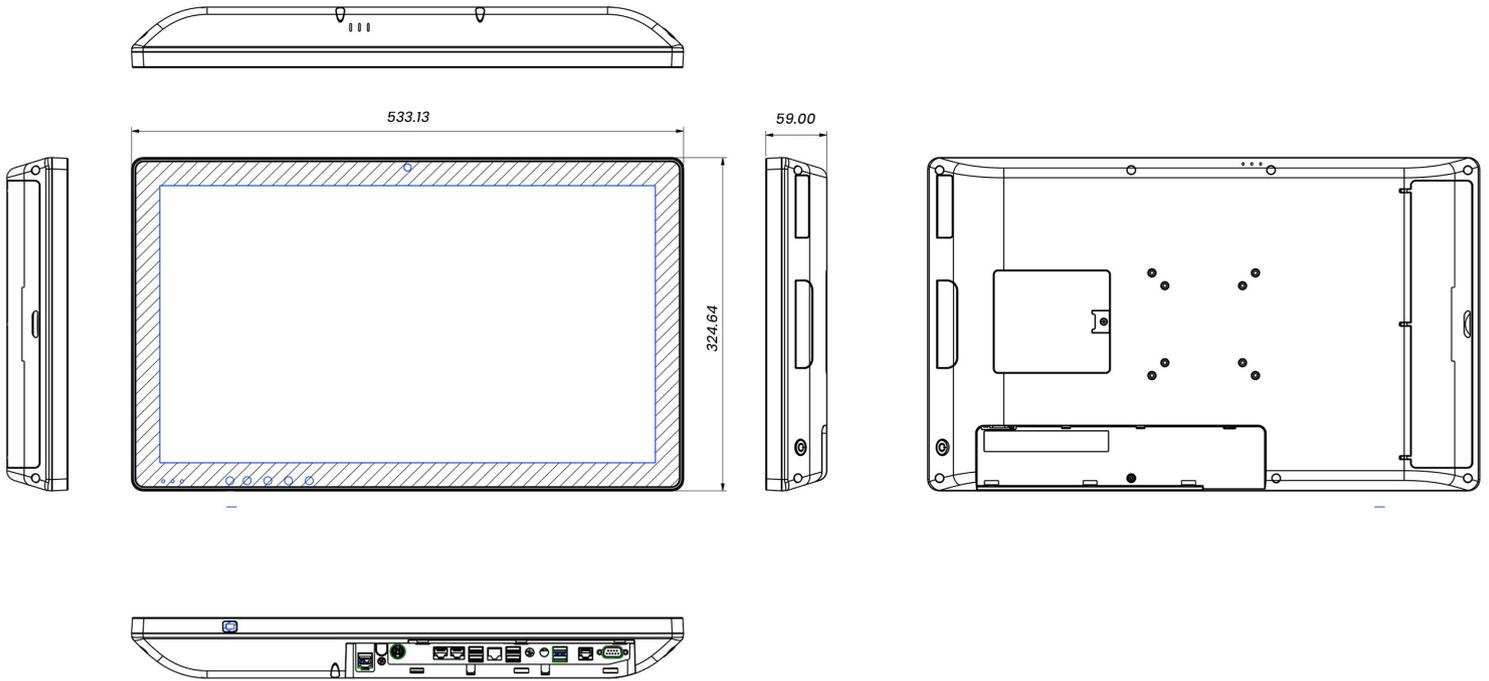
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# Tech Diagram Images



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