

# TME-5040-22

## 22" Medical Computer with Hot Swappable Batteries



### Key Highlights

- 21.5" Full Flat Touchscreen
- Intel Skylake U Processor
- 3 Hot Swappable Batteries for 24/7 Operation
- Anti-Bacterial Enclosure and IP65 Protected Front Panel
- 24VDC USB to Power Peripherals
- RFID & IC Card Reader

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The TME-5040-22 is ideal for a hospital cart or medical workstation on wheels. This mobile medical computer has three [hot-swappable](#) batteries that provide up to 12 hours of power, so you can mount it on a non-powered medical cart for a lightweight, ergonomic solution. This medical PC has an Intel Skylake U processor and a wide variety of I/Os. The front panel is true flat to prevent the buildup of dust and microbes. The antibacterial enclosure helps prevent the spread of germs and the front panel is IP65 rated, so this computer can be frequently sprayed and wiped down with medical grade cleaners. The TME-5040-22 is 60601-1 4th Edition medically certified and capable of adding additional isolated I/O for critical medical interfaces.

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# Technical Specifications

## Primary Components

Processor Family	Intel Celeron or Core I 6th Generation Skylake
Processor Speed	Base 2.0 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (easily accessible)
Storage Support	32GB-1TB

## External I/O Ports

USB	4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	2x RJ-48
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Other Ports	1x Powered USB 24V
Audio Ports	1x Audio Line-Out, 1x Mic-In

## Multimedia

Speakers	1x 3W Speaker
Camera	Optional 2MP Webcam

## Enclosure

Material	Plastic
IP Rating	IP65 Front Bezel
Color	White
Led Indicator Light	Battery
Control Buttons	Power Button
Programmable Function Buttons	3x Programmable Function Keys
Mounting Options	VESA 100 Mount, VESA 75 Mount

## Weight / Dimensions

Weight	7.3 kg (16.1 lbs)
Dimensions	533 x 59 x 325 mm (21.0 x 2.3 x 12.8 in)

## 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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## Power

Input Voltage Range	19V DC
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## Battery

Battery Type	Optional Hot Swappable Battery
Battery Operating Time	12hrs

## Operating Systems

Windows	Windows 10 Pro
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## Expansion Slots

Internal M.2	1x M.2 Slot half-size Type E
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## Thermal & Environmental

Operating Temperature	0°C - 30°C (32°F - 86°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 a/b/g/n WLAN card
Bluetooth	Bluetooth 4.0
RFID	1x RFID & IC Card Reader
Peripheral Other	Reading light

## Certification

Certifications	CE, FCC Class A, LVD
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## Warranty

Warranty	1 Year
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Specifications subject to change.

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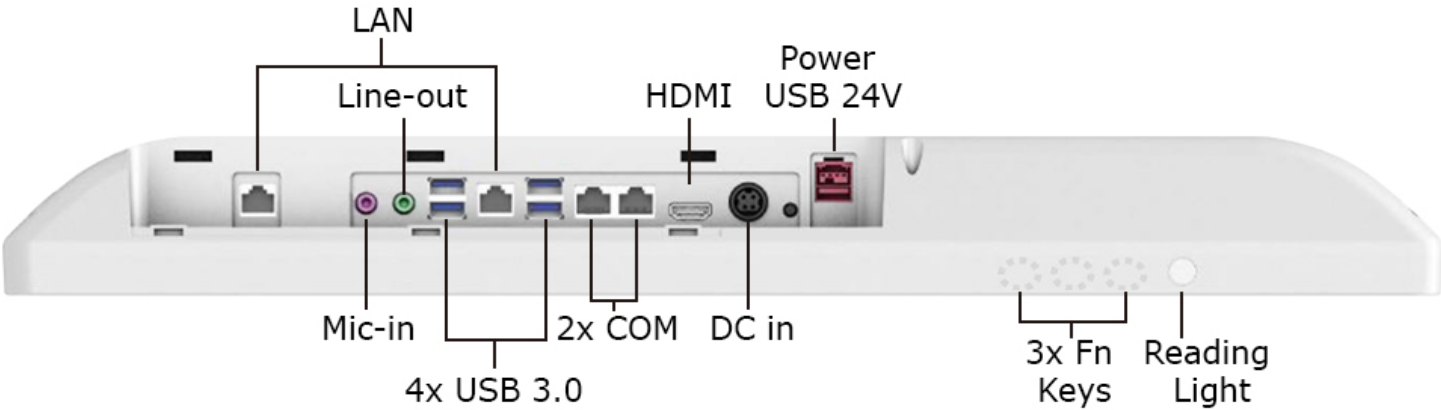
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# I/O Diagram Images



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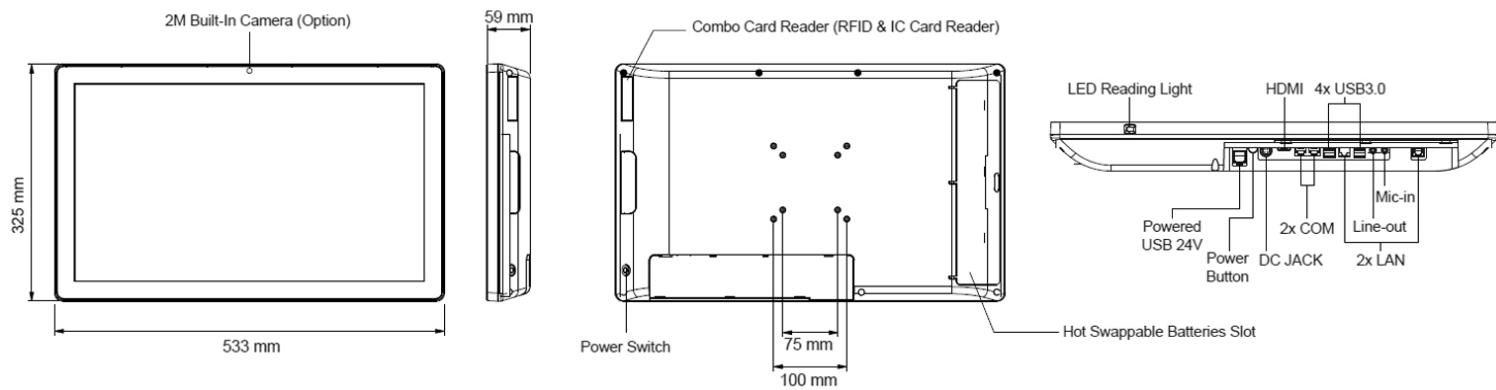
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## Tech Diagram Images



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