# 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

VIEW ONLINE

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 |

## Power

| | |
|---|---|
| **Input Voltage Range** | 19V DC |

## Battery

| | |
|---|---|
| **Battery Type** | Optional Hot Swappable Battery |
| **Battery Operating Time** | 12hrs |

## Operating Systems

| | |
|---|---|
| **Windows** | Windows 10 Pro |

## Expansion Slots

| | |
|---|---|
| **Internal M.2** | 1x M.2 Slot half-size Type E |

## 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 WLA N card |
| **Bluetooth** | Bluetooth 4.0 |
| **RFID** | 1x RFID & IC Card Reader |
| **Peripheral Other** | Reading light |

## Certification

| | |
|---|---|
| **Certifications** | CE, FCC Class A, LVD |

## Warranty

| | |
|---|---|
| **Warranty** | 1 Year |

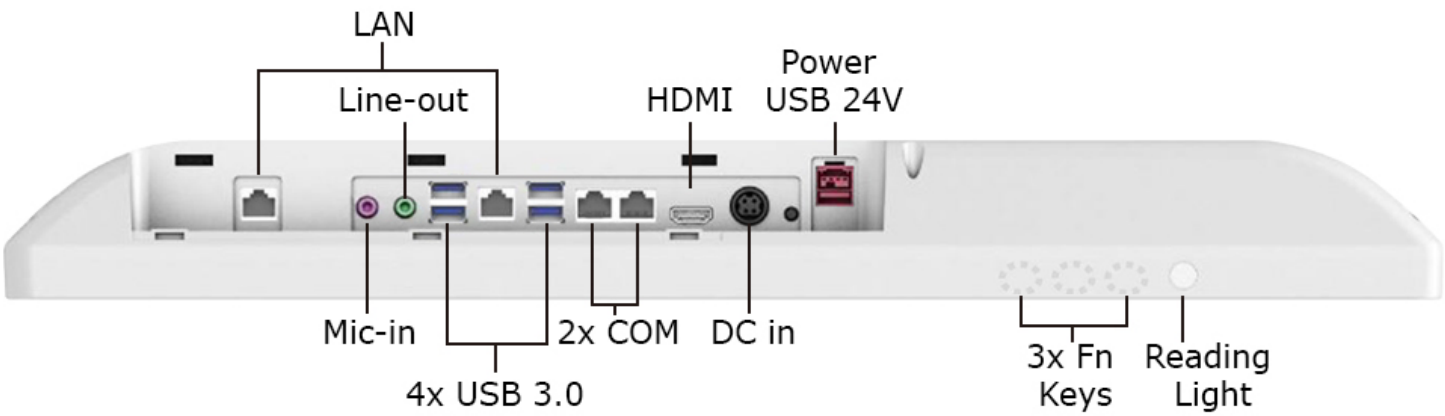
***Specifications subject to change.***


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## I/O Diagram Images

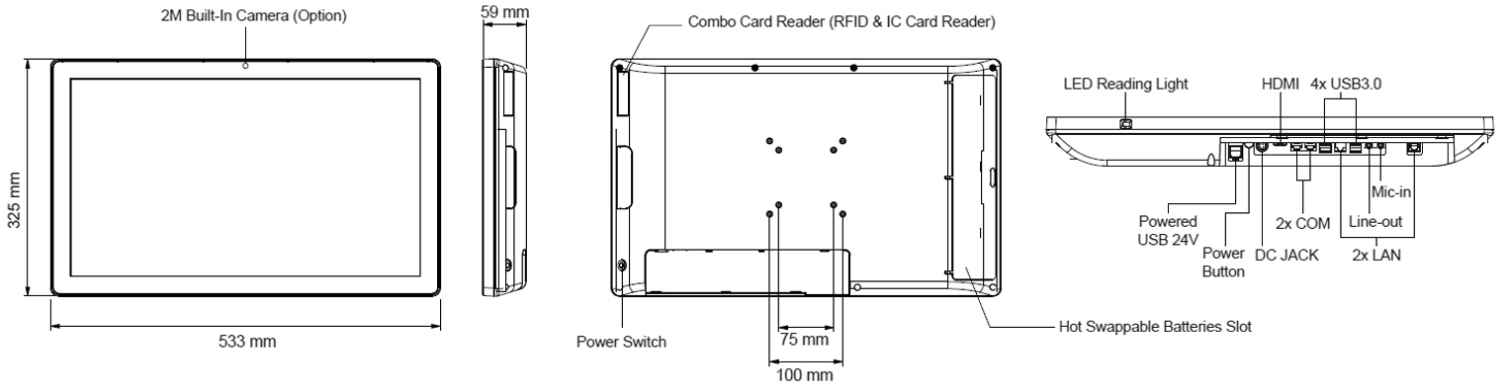



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# Tech Diagram Images





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