

# TMD-65-22B

## 21.5" Portable Medical Display



### Key Highlights

- Full HD 21.5" touch screen display
- Three bays for hot-swappable batteries
- VESA mountable
- Built-in WiFi antennas and speakers
- Medically compliant with anti-microbial surfaces

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This portable medical display is a highly customizable vessel for any medical application. Featuring an IP65 water-resistant front panel for safe sanitization, this monitor is ideal wherever hygiene is key. The display is compatible with several accessories, including mounts, RFID scanners, a camera, and DC outputs with varied voltage to power accessories – even the PC it's connected with. These specialized options allow for the device to be customized – and optimized – for each use case's specific needs. What sets this apart from other medical displays is its battery operation, allowing it to be used anywhere, untethered. With batteries that can be [exchanged without powering down](#), the portable display can operate seamlessly without interruption.

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# Technical Specifications

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

Power	
Input Voltage Range	19V DC
Standard Power Adapter	19V, 6.31A DC Power Supply w/ US AC Power Cord

Multimedia	
Speakers	2x Speakers
Camera	Optional 5MP Webcam
Microphone	With Optional 5MP Webcam

Enclosure	
Material	Anti-Microbial, PC+ABS
IP Rating	IP65 Front Bezel, IPX2 enclosure
Color	White
Control Buttons	Auto/Exit, Display on/off, Menu, Up/Down
Mounting Options	Desktop Stand, VESA 100 Mount

Touch Screen	
Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports	
USB	1x USB 2.0 Type-B (touch), 1x USB 3.0 Type-B, 2x USB 2.0, 3x USB 3.0
Serial / Com	2x COM
Other Ports	2x WiFi Antenna Passthrough

Battery	
Battery Type	Optional Hot-Swappable 90Wh/8250mAh Battery

Thermal & Environmental	
Operating Temperature	0°C - 40°C - 0°C - 50°C (32°F - 104°F (With HDD), 32°F - 122°F (With SSD))
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Humidity Range	0% - 90% Non-condensing

Peripherals & Wireless Connectivity	
WiFi	Built-In WiFi Antennas
RFID	Optional RFID Available

Weight / Dimensions	
Dimensions	345.9 x 516.9 x 40.4 mm (13.6 x 20.4 x 1.6 in)

Certification	
Certifications	60601 Compliant

*Specifications subject to change.*

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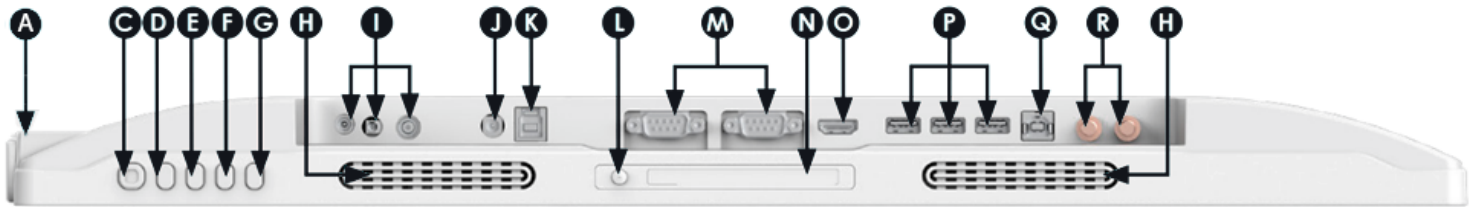
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## I/O Diagram Images



<b>A</b> USB 2.0	<b>J</b> DC-input
<b>B</b> Battery bays (not visible this angle)	<b>K</b> USB Type-B input
<b>C</b> Power button	<b>L</b> Reading light on/off button
<b>D</b> Right/Increment button	<b>M</b> COM ports
<b>E</b> Left/Decrement button	<b>N</b> Reading light
<b>F</b> Menu/Enter button	<b>O</b> HDMI input
<b>G</b> Exit/Return button	<b>P</b> USB 3.0
<b>H</b> Speakers	<b>Q</b> USB Type-B for touch screen connection
<b>I</b> DC-outputs	<b>R</b> Wi-Fi antennas

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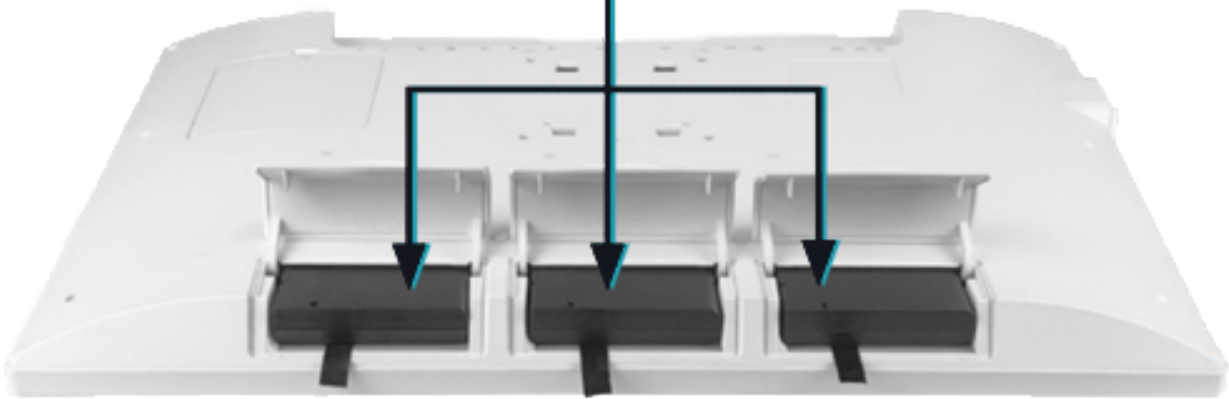
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## Optional Battery Packs



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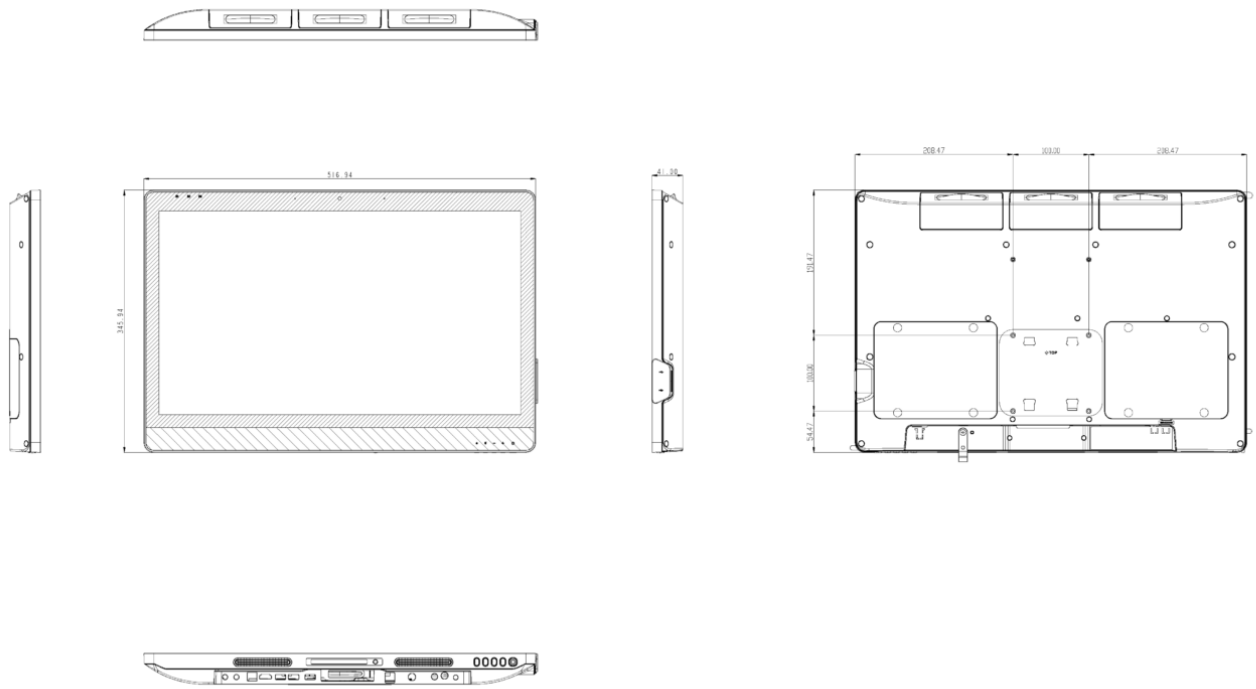
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