

TMD-65-22B

22" 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

[VIEW ONLINE](#)

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"
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

Specifications subject to change.

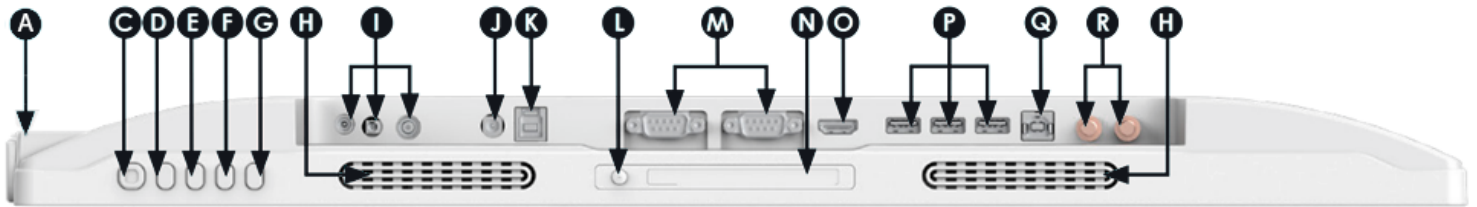
Touch Screen	
Touch Screen	Projected Capacitive (Multi-touch)
External I/O Ports	
USB	1x USB 2.0 Type-B (touch), 1x USB 3.0 Type-B, 2x USB 2.0, 3x USB 3.0
Serial / Com	2x COM
Other Ports	2x WiFi Antenna Passthrough
Battery	
Battery Type	Optional Hot-Swappable 90Wh/8250mAh Battery
Thermal & Environmental	
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

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I/O Diagram Images



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

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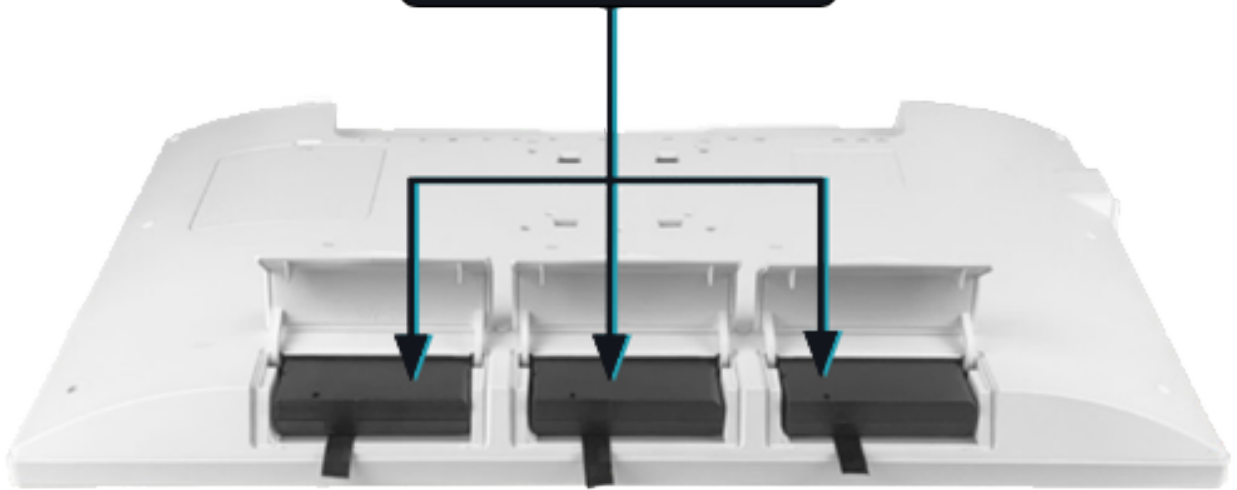
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Optional Battery Packs



USA

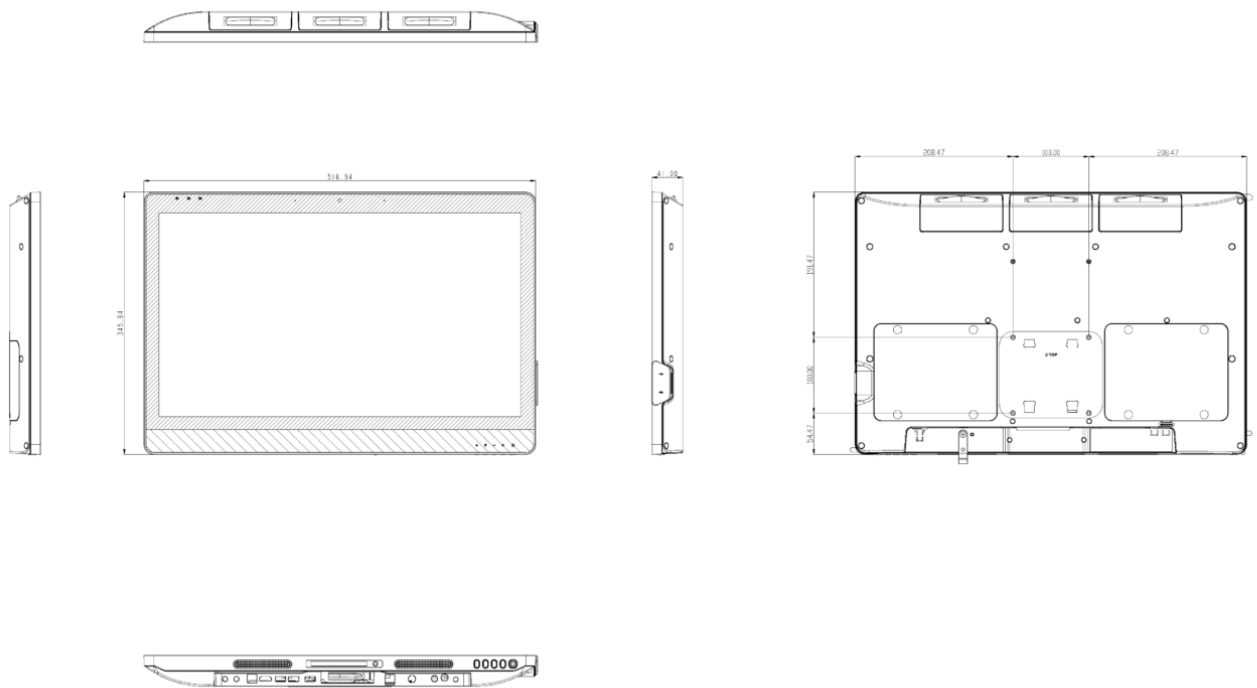
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