

CyberMed M Series Generation 2

PoE Medical Computers



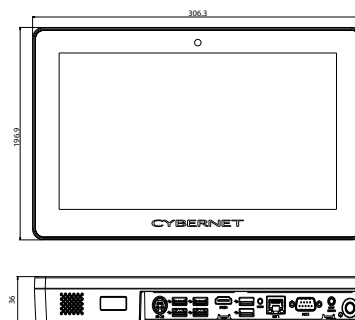
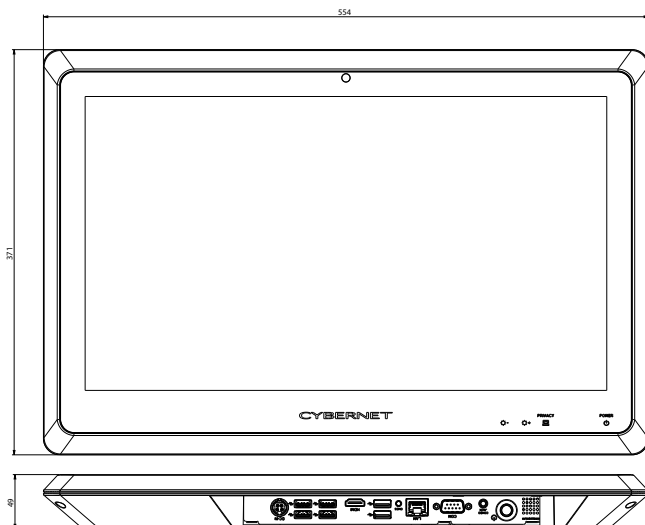
Main Features

- FHD LED Panel
- PCAP Multi-Touch Display
- IP65 Rated
- Global IEC60601-1 Certified
- Power Over Ethernet
- Fanless Design
- Antimicrobial* Housing

Technical Specifications

Display	12": FHD LED Panel 1920x1080 300nits 178°/178° Viewing Angle 800:1 Contrast Ratio 22": FHD LED Panel 1920x1080 250nits 178°/178° Viewing Angle 3000:1 Contrast Ratio
CPU Support	Intel Twin Lake Processor
Chipset	Integrated
Memory	1x DDR5 4800MHz SO-DIMM sockets, populated up to 16GB
Operating System	Windows 11, Windows IoT, Linux
Video & Graphics	Intel HD Graphics
Touch Screen	PCAP Multi Touch with Optional Antiglare Technology (22" Only)
Networking	1x Gigabit (Gbe) Intel i226V
Power Over Ethernet (PoE)	CyberMed M22: Requires PoE ++ (802.3bt, 60W / 100W) CyberMed M12: Requires PoE + (802.3at Type 2, 30W), PoE ++ (802.3bt, 60W / 100W)
Wireless	WiFi 7 + Bluetooth 5.4
Bios	AMI with PXE, LAN & USB boot support
Expansion Slots	1x M.2 2242 B/M key slot (Unavailable with PoE Option) 1x M.2 2230 A/E Key slot
HDD Support	1x 128GB Solid State Drive up to 2TB
TPM	Version 2.0 Standard.
Webcam	Optional: 5 Megapixel Front-facing
Power Supply	72W Medical Grade PSU Input: AC 100-240V, 1.5A 50-60Hz. Output: 19VDC, 3.78A 12V/24V Support with Optional DC Converter
Relative Humidity	10%~90% (non-condensing)
Waterproof	IP65 Sealed Front Bezel and IPX1 Back Cover

*Antimicrobial technology protects the housing of the computer & tablet. Cybernet makes no direct or implied claims to protecting users or providing other health benefits.



Mechanical & Environmental

Dimensions	CyberMed M22: 21.75" x 14.50" x 1.92" (L,W,D) CyberMed M12: 12.06" x 7.76" x 1.42" (L,W,D)
Weight	CyberMed M22: 15.35 lbs without base stand CyberMed M12: 3.6 lbs without base stand
Wall Mount	CyberMed M22: Supports 75/100mm VESA CyberMed M12: Supports 75mm VESA
Environment	Ambient Temperature: 0°C~40°C (operating)
Certifications	IEC60601-1, IEC60601-1-2, EN60601-1, IEC62368-1 electrical safety, FCC class B, CE, Energy Star, RoHS, WEEE, REACH

Input/Output

I/O Ports	4x USB 3.2 Ports 2x USB2.0 1x Audio Combo Jack 1x HDMI Port 1x RS232, option to expand to 4 COM ports 1x 2.5Gigabit LAN port (Optional 10/100 POE)
Audio	Realtek High Definition Audio. Two audio jacks for Audio Line Out, and Microphone. One built-in 2.0 watt stereo speaker

Optional Features

- 2D Barcode Scanner
- Additional Serial Ports
- Magnetic Stripe Reader (MSR)
- Extended Warranties
- Antimicrobial* Base Stand
- Integrated Imprivata SSO Certified RFID Reader



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