

CyberMed NB Series

Battery Powered Medical Computers



Main Features

- High Resolution LED Panel
- PCAP Multi-Touch Display
- IP65 Rated
- UL/cUL/IEC60601-1 Certified
- Antimicrobial* Housing
- Wide Viewing Angle
- 19", 20", and 24" Screen Sizes

Input/Output

I/O Ports	4x USB 3.0 ports	1x HDMI – In (6th/7th gen)
	2x USB 2.0 ports	1x HDMI – Out (6th/7th gen)
	1x USB-C (11th gen)	1x DP (11th gen)
	1x RS232/422/485	1x 4Pin DIN power Jack
Audio	Line-out & Microphone Jack w/2-channel speakers	

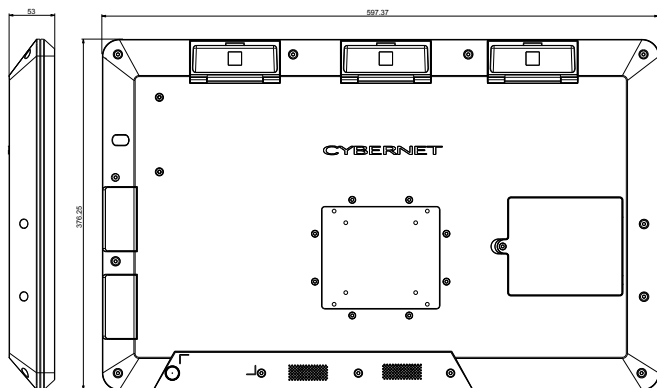
Technical Specifications

Display	24" & 22" [^] : 1920x1080 16:9 250nits 178°/178° Viewing Angle 3000:1 Contrast Ratio 20" : 1600x900 16:9 250nits 170°/170° Viewing Angle 1000:1 Contrast Ratio 19" : 1280x1024 5:4 (4:3) 250nits 170°/170° Viewing Angle 1000:1 Contrast Ratio
CPU Support	6th/7th/11th Generation Intel Core 3955U/i3/i5/i7 Processors with vPro Technology
Memory	2x DDR4 SO-DIMM sockets. 11th Gen : Up to 64GB 6th/7th Gen : Up to 32GB
Operating System	Windows 10/11, Windows IoT, Windows 8.1 (6th Gen only), Windows 7 (6th Gen only), Linux
Video & Graphics	11th Gen : Intel Iris Xe Graphics 6th/7th Gen : Intel HD Graphics 520
Touch Screen	PCAP Multi-Touch with Optional Antiglare Technology
Networking	11th Gen : 2x 2.5 Gigabit (Gbe) LAN 6th/7th Gen : 1x Gigabit (Gbe) LAN Intel i219LM 1x Gigabit (Gbe) LAN Realtek RTL8111G
DC Power Out	Optional: Power Module with 26 Watts of Power Available for External Devices
Wireless	11th Gen : Intel Tri-Band WiFi 6E 802.11ax, 802.11 a/b/g/n/ac, + Bluetooth 5.2 6th/7th Gen : Intel Dual Band Wireless-AC 802.11 AC + Bluetooth 4.2
Expansion Slots	1x mPCIe Half-size slot 1x M.2 E key short slot for PCIe or USB interface 1 x PCIe x8 slot (19" & 20" Only)
HDD Support	11th Gen : 1x 6Gbps Serial ATA III Port & 1x M.2 M Key for NVMe SSD 6th/7th Gen : 2x 6Gbps Serial ATA III ports
TPM	Version 2.0 Standard. Optional: Version 1.2
Battery	24" & 22" [^] : 3 Hot Swap Batteries with up to 21 Hour Run Time** 20" & 19" : 2 Hot Swap Batteries with up to 12 Hour Run Time**
Power Supply	120W Medical Grade Power Supply. Input: Universal 100~240V AC, 50-60Hz. Supports Output Range: DC18V-19V. 6.3A Adapters. 12V/24V Support with Optional DC Converter
Waterproof	IP65 Sealed Front Bezel and IPX1 Back Cover

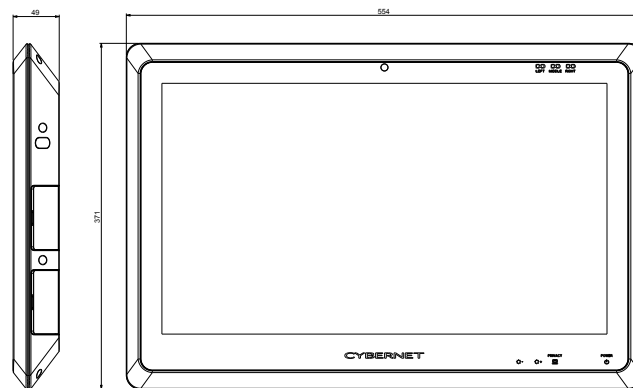
* Antimicrobial technology protects the housing of the computer & tablet. Cybernet makes no direct or implied claims to protecting users or providing other health benefits.

** 1 year warranty. Cybernet strongly recommends replacing every 2 years.

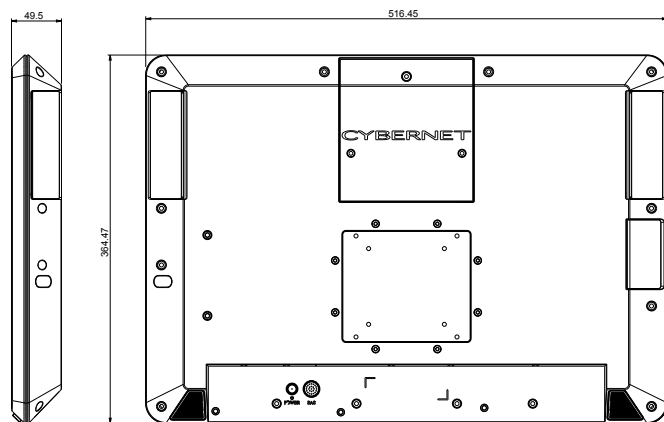
[^] 22" Model is no longer available



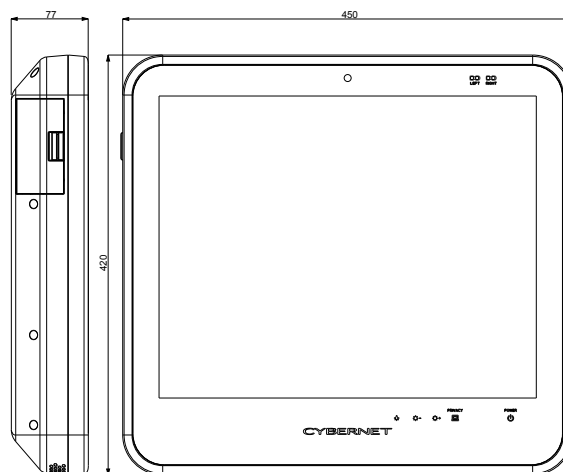
CyberMed NB24



CyberMed NB22^



CyberMed NB20



CyberMed NB19

Mechanical & Environmental

Dimensions	CyberMed NB24: 23.50" x 14.80" x 2.10" (L,W,D) CyberMed NB22^: 21.75" x 14.50" x 1.92" (L,W,D) CyberMed NB20: 20.35" x 14.37" x 1.95" (L,W,D) CyberMed NB19: 17.75" x 16.50" x 3.00" (L,W,D)
Weight	CyberMed NB24: 17.75 lbs w/o batteries* 20.65 lbs w/3 batteries* CyberMed NB22^: 15.35 lbs w/o batteries* 18.35 lbs w/3 batteries* CyberMed NB20: 13.25 lbs w/o batteries* 15.25 lbs w/2 batteries* CyberMed NB19: 15.25 lbs w/o batteries* 17.25 lbs w/2 batteries*
Wall Mount	Supports 75mm & 100mm VESA mounting holes
Environment	Operating Temperature: 0°C~35°C
Relative Humidity	10%~90% (non-condensing)
Certifications	UL60601-1, cUL60601-1, IEC60601-1, EN60601-1, UL60950 electrical safety, FCC class B, CE, Energy Star, RoHS, WEEE *Weight of the base stand not included in totals ^ 22" Model is no longer available

Optional Features

- Antiglare Touchglass
- 2D Barcode Scanner
- 5 Megapixel Webcam
- 3 Battery Multi-charge Station
- Reading Light (19" & 20" Models)
- DC Power Output for Peripherals
- Fingerprint Reader
- Integrated Imprivata SSO
- Certified RFID Reader
- Extended Warranties



CYBERNET

Find out more at www.cybernetman.com
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