

# 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", 22" and 24" Screen Sizes available

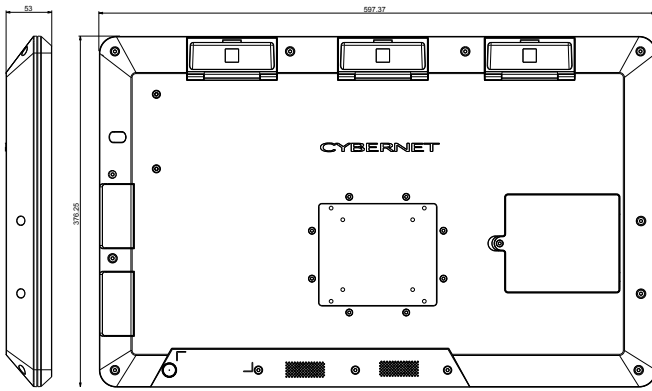
## Input/Output

<b>I/O Ports</b>	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
<b>Audio</b>	Line-out & Microphone Jack w/2-channel speakers	

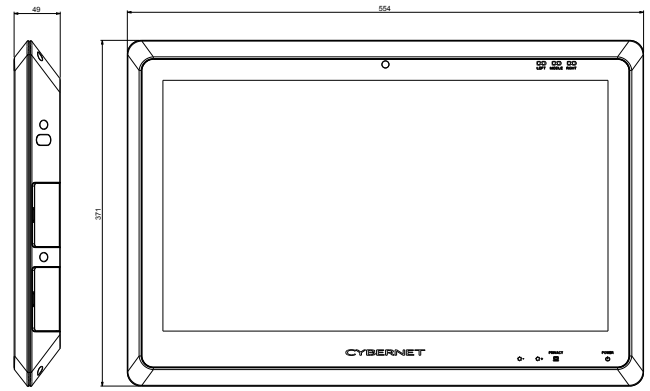
## Technical Specifications

<b>Display</b>	<b>24" &amp; 22"</b> : 1920x1080   16:9   250nits   178°/178° Viewing Angle   3000:1 Contrast Ratio <b>20"</b> : 1600x900   16:9   250nits   170°/170° Viewing Angle   1000:1 Contrast Ratio <b>19"</b> : 1280x1024   5:4 (4:3)   250nits   170°/170° Viewing Angle   1000:1 Contrast Ratio
<b>CPU Support</b>	6th/7th/11th Generation Intel Core 3955U/i3/i5/i7 Processors with vPro Technology
<b>Memory</b>	2x DDR4 2133/2400MHz 204-pin SO-DIMM sockets, populated up to 32GB
<b>Operating System</b>	Windows 10/11, Windows IoT, Windows 8.1 (6th Gen only), Windows 7 (6th Gen only), Linux
<b>Video &amp; Graphics</b>	Intel HD Graphics 520
<b>Touch Screen</b>	PCAP Multi-Touch with Optional Antiglare Technology
<b>Networking</b>	1x Gigabit (Gbe) LAN Intel i219LM   1x Gigabit (Gbe) LAN Realtek RTL8111G
<b>DC Power Out</b>	Optional: Power Module with 26 Watts of Power Available for External Devices
<b>Wireless</b>	Intel Dual Band Wireless-AC 802.11 AC + Bluetooth 4.2
<b>Expansion Slots</b>	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)
<b>HDD Support</b>	2x 6Gbps Serial ATA III ports
<b>TPM</b>	Version 2.0 Standard. Optional: Version 1.2
<b>Battery</b>	<b>24" &amp; 22"</b> : 3 Hot Swap Batteries with up to 21 Hour Run Time <b>20" &amp; 19"</b> : 2 Hot Swap Batteries with up to 12 Hour Run Time
<b>Power Supply</b>	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
<b>Waterproof</b>	IP65 Sealed Front Bezel and IPX1 Back Cover

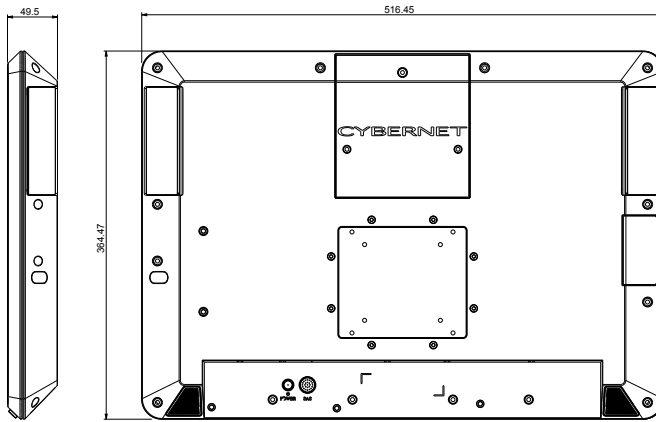
\*Antimicrobial technology protects the housing of the computer & tablet. Cybernet makes no direct or implied claims to protecting users or providing other health benefits.



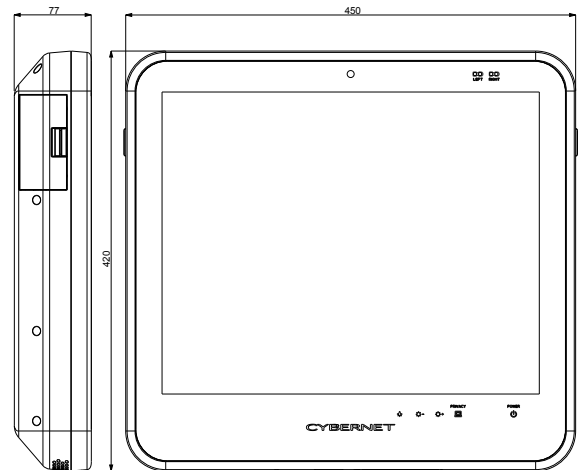
CyberMed NB24



CyberMed NB22



CyberMed NB20



CyberMed NB19

## Mechanical & Environmental

<b>Dimensions</b>	<b>CyberMed NB24:</b> 23.50" x 14.80" x 2.10" (L,W,D)   <b>CyberMed NB22:</b> 21.75" x 14.50" x 1.92" (L,W,D) <b>CyberMed NB20:</b> 20.35" x 14.37" x 1.95" (L,W,D)   <b>CyberMed NB19:</b> 17.75" x 16.50" x 3.00" (L,W,D)
<b>Weight</b>	<b>CyberMed NB24:</b> 17.75 lbs w/o batteries*   20.65 lbs w/3 batteries* <b>CyberMed NB22:</b> 15.35 lbs w/o batteries*   18.35 lbs w/3 batteries* <b>CyberMed NB20:</b> 13.25 lbs w/o batteries*   15.25 lbs w/2 batteries* <b>CyberMed NB19:</b> 15.25 lbs w/o batteries*   17.25 lbs w/2 batteries*
<b>Wall Mount</b>	Supports 75mm & 100mm VESA mounting holes
<b>Environment</b>	Operating Temperature: 0°C~35°C
<b>Relative Humidity</b>	10%~90% (non-condensing)
<b>Certifications</b>	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

## 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

