

# 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 Glass & Housing
- Wide Viewing Angle
- 19", 20", 22" and 24" Screen Sizes available



24" & 22" Ports



20" Ports



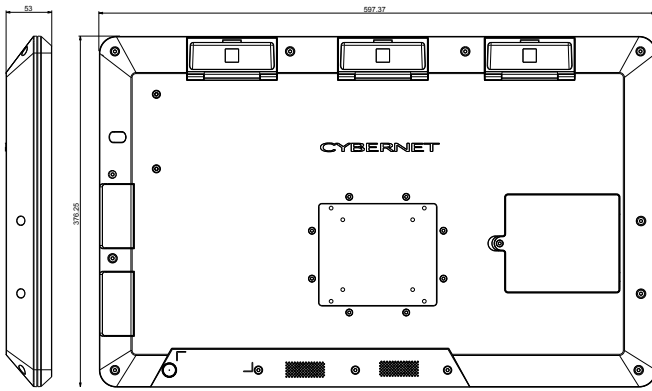
19" Ports

## Input/Output

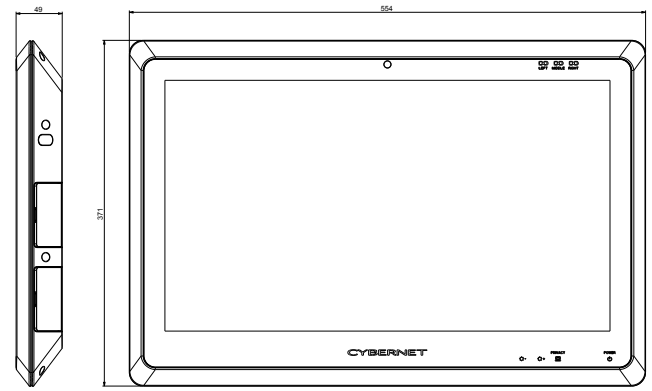
|                  |  |   |
|------------------|--|---|
| <b>I/O Ports</b> | 4x USB 3.0 ports<br>2x USB 2.0 ports<br>1x RS232/422/485 | 1x HDMI – In<br>1x HDMI – Out<br>1x 4Pin DIN power Jack |
| <b>Audio</b>     | Line-out & Microphone Jack w/2-channel speakers          |   |

## Technical Specifications

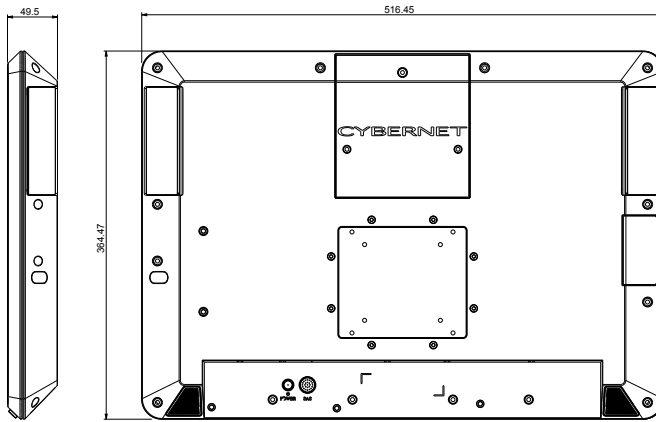
|                             |   |
|-----------------------------|---|
| <b>Display</b>              | <b>24" &amp; 22"</b> : 1920x1080   16:9   250nits   178°/178° Viewing Angle   3000:1 Contrast Ratio<br><b>20"</b> : 1600x900   16:9   250nits   170°/170° Viewing Angle   1000:1 Contrast Ratio<br><b>19"</b> : 1280x1024   5:4 (4:3)   250nits   170°/170° Viewing Angle   1000:1 Contrast Ratio |
| <b>CPU Support</b>          | 6th/7th Generation Intel Core 3955U/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, 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<br>1x M.2 E key short slot for PCIe or USB interface<br>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<br><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.<br>Supports Output Range: DC18V-19V. 7.5A Adapters.   |
| <b>Waterproof</b>           | IP65 Sealed Front Bezel and IPX1 Back Cover   |



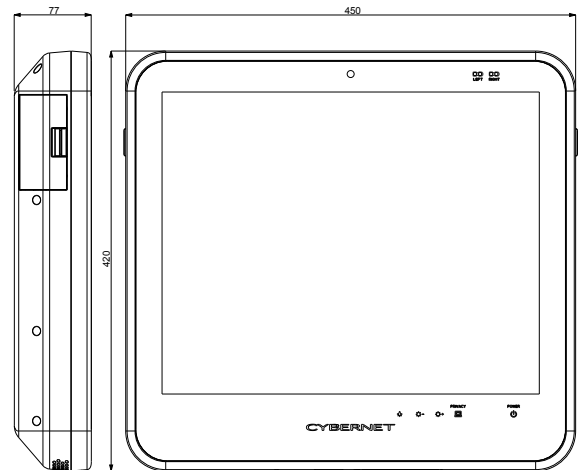
CyberMed NB24



CyberMed NB22



CyberMed NB20



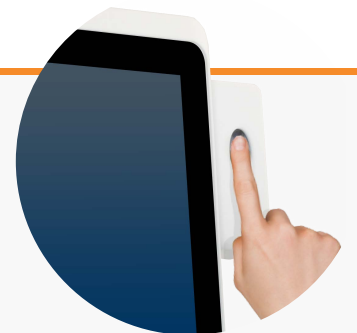
CyberMed NB19

## 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)<br><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*<br><b>CyberMed NB22:</b> 15.35 lbs w/o batteries*   18.35 lbs w/3 batteries*<br><b>CyberMed NB20:</b> 13.25 lbs w/o batteries*   15.25 lbs w/2 batteries*<br><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<br>*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



**CYBERNET**

Find out more at [www.cybernet.us](http://www.cybernet.us)  
Global Operations: USA · UK · Taiwan · China · Australia  
Email: [sales@cybernet.us](mailto:sales@cybernet.us)

Ready for your CyberMed NB Series?

Get Quote