

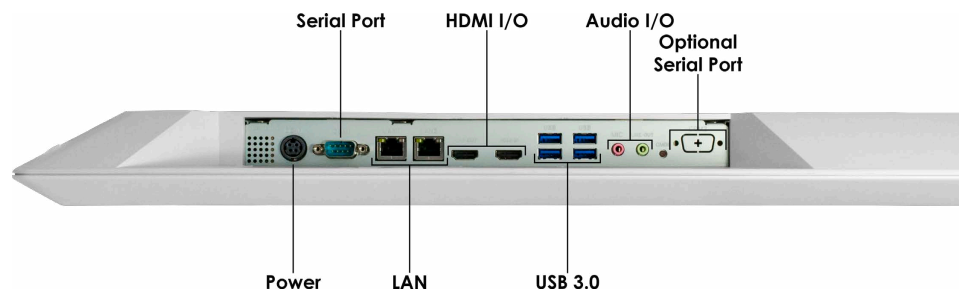
# CyberMed NB24k & S24k

## 24" Fanless Medical Computer



## Main Features

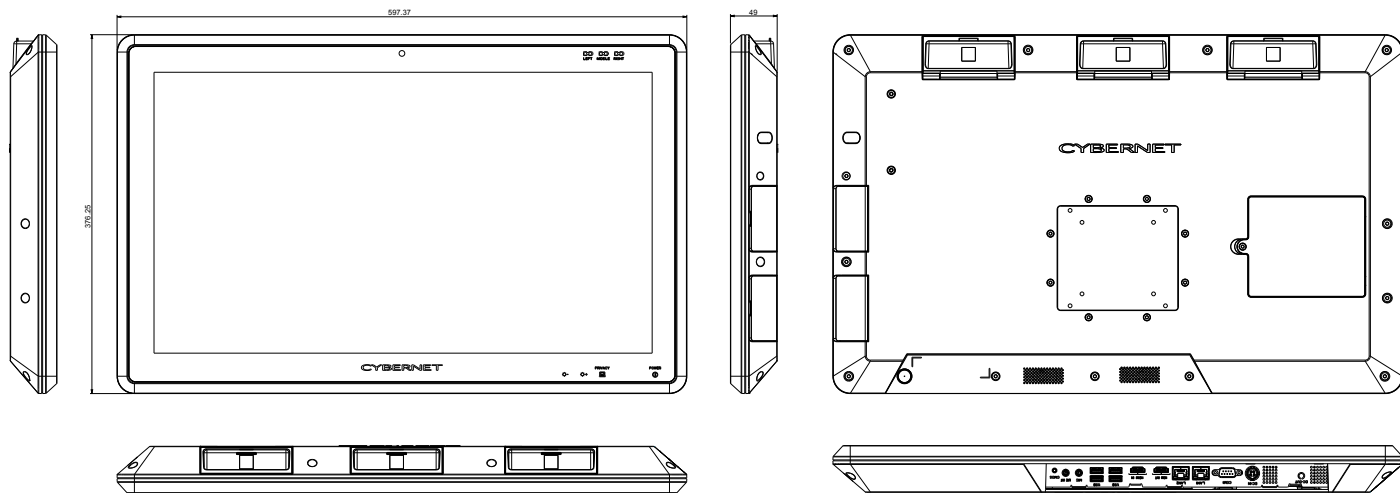
- 23.6" 4k High Resolution Panel
- Three Hot Swap Batteries (NB24k)
- PCAP Multi-Touch Display
- IP65 Rated
- UL/cUL/IEC60601-1 Certified
- Antimicrobial\* Housing



## Technical Specifications

<b>Display</b>	MVA LED Panel   3840x2160   300nits   178°/178° Viewing Angle   1000:1 Contrast Ratio
<b>CPU Support</b>	6th/7th/11th Generation Intel Core 3955U/i3/i5/i7 Skylake Processors with vPro Technology
<b>Chipset</b>	Integrated
<b>Memory</b>	2x DDR4 1866/2133MHz 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>Bios</b>	AMI BIOS with Microsoft SCCM Management, ACPI, API, DMI, Plug & Play, & security password.
<b>Expansion Slots</b>	1x mPCIe Half-size slot 1x M.2 E key short slot for PCIe or USB interface
<b>HDD Support</b>	2x 6Gbps Serial ATA III ports
<b>TPM</b>	Version 2.0 Standard. Optional: Version 1.2
<b>Battery</b>	3x Hot Swap Batteries with total life of 16 hours (CyberMed NB24k)
<b>Power Supply</b>	120W Medical Grade Power Supply. Input: Universal 100~240V AC, 50-60Hz. Supports Output Range: DC18V-19V. 7.5A Adapters.
<b>Relative Humidity</b>	10%~90% (non-condensing)
<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.



## Mechanical & Environmental

<b>Dimensions</b>	23.5" x 14.8" x 2.1" (L,W,D)
<b>Weight</b>	<b>CyberMed NB24k:</b> 17.75 lbs w/o batteries*   20.65 lbs w/3 batteries* <b>CyberMed S24k:</b> 17.75 lbs w/o batteries*
<b>Wall Mount</b>	Supports 75mm & 100mm VESA mounting holes
<b>Environment</b>	Operating Temperature: 0°C~35°C
<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

## Input/Output

<b>I/O Ports</b>	4x USB 3.0 ports, 2x USB 2.0 ports 1x RS232/422/485, option to expand to 4 COM ports 1x HDMI – In (Display Mode with Audio Int. Speaker) 1x HDMI – Out 1x 4Pin DIN power Jack
<b>Audio</b>	Line-out & Microphone Jack 2-channel 2Watt speaker facing back

## Optional Features

- Antiglare Touchglass
- 2D Barcode Scanner
- 5 Megapixel Webcam
- 3 Battery Multi-charge Station
- Smart Card Reader
- DC Power Output for Peripherals
- Fingerprint Reader
- Integrated Imprivata SSO
- Certified RFID Reader
- Extended Warranties

