

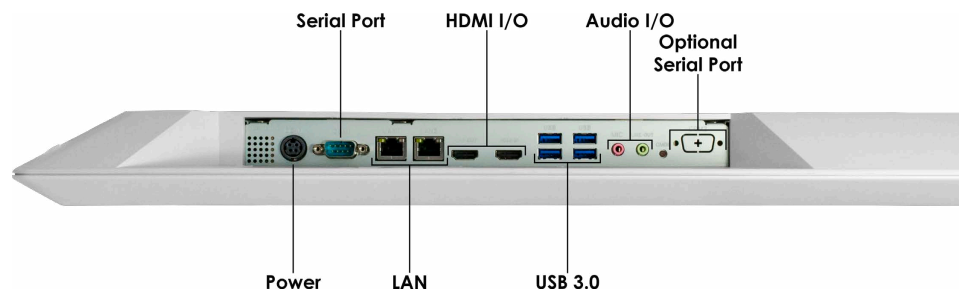
CyberMed NB24k & S24k

24" Fanless Medical Computer



Main Features

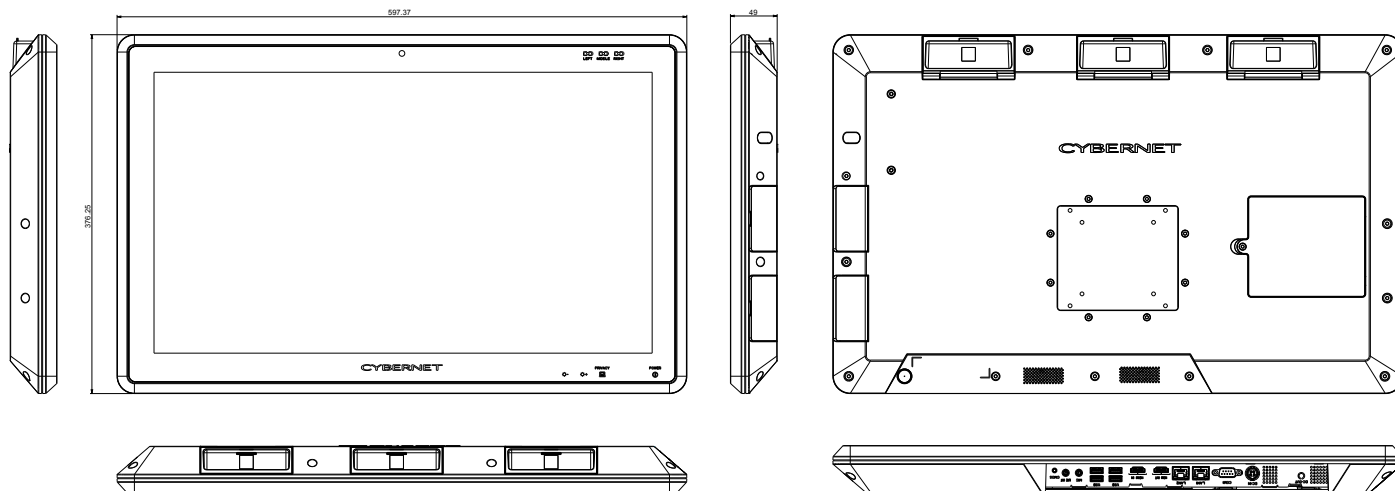
- 23.6" 4k High Resolution Panel
- Three Hot Swap Batteries (NB24k)
- PCAP Multi-Touch Display
- IP65 Rated
- UL/cUL/IEC60601-1 Certified
- Antimicrobial* Housing



Technical Specifications

Display	MVA LED Panel 3840x2160 300nits 178°/178° Viewing Angle 1000:1 Contrast Ratio
CPU Support	6th/7th/11th Generation Intel Core 3955U/i3/i5/i7 Skylake Processors with vPro Technology
Chipset	Integrated
Memory	2x DDR4 1866/2133MHz 204-pin SO-DIMM sockets, populated up to 32GB
Operating System	Windows 10/11, Windows IoT, Windows 8.1 (6th Gen only), Windows 7 (6th Gen only), Linux
Video & Graphics	Intel HD Graphics 520
Touch Screen	PCAP Multi-Touch with Optional Antiglare Technology
Networking	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	Intel Dual Band Wireless-AC 802.11 AC + Bluetooth 4.2
Bios	AMI BIOS with Microsoft SCCM Management, ACPI, API, DMI, Plug & Play, & security password.
Expansion Slots	1x mPCIe Half-size slot 1x M.2 E key short slot for PCIe or USB interface
HDD Support	2x 6Gbps Serial ATA III ports
TPM	Version 2.0 Standard. Optional: Version 1.2
Battery	3x Hot Swap Batteries with total life of 16 hours (CyberMed NB24k)
Power Supply	120W Medical Grade Power Supply. Input: Universal 100~240V AC, 50-60Hz. Supports Output Range: DC18V-19V. 7.5A Adapters. 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	23.5" x 14.8" x 2.1" (L,W,D)
Weight	CyberMed NB24k: 17.75 lbs w/o batteries* 20.65 lbs w/3 batteries* CyberMed S24k: 17.75 lbs w/o batteries*
Wall Mount	Supports 75mm & 100mm VESA mounting holes
Environment	Operating Temperature: 0°C~35°C
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

Input/Output

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

