

CyberMed NB20 & S20

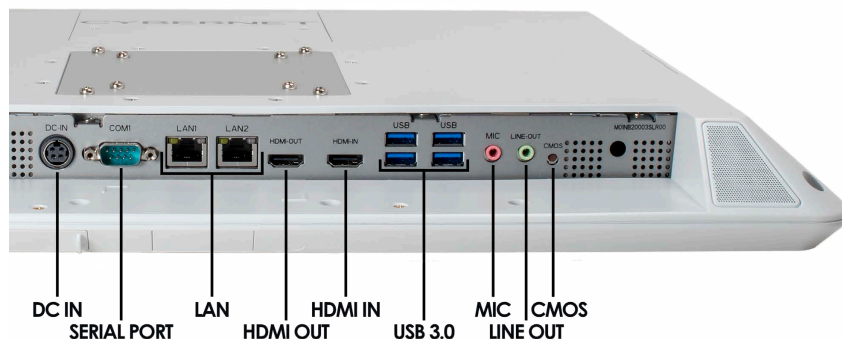
20" Fanless Medical Computer

CYBERMED
Rozwiązania IT dla medycyny



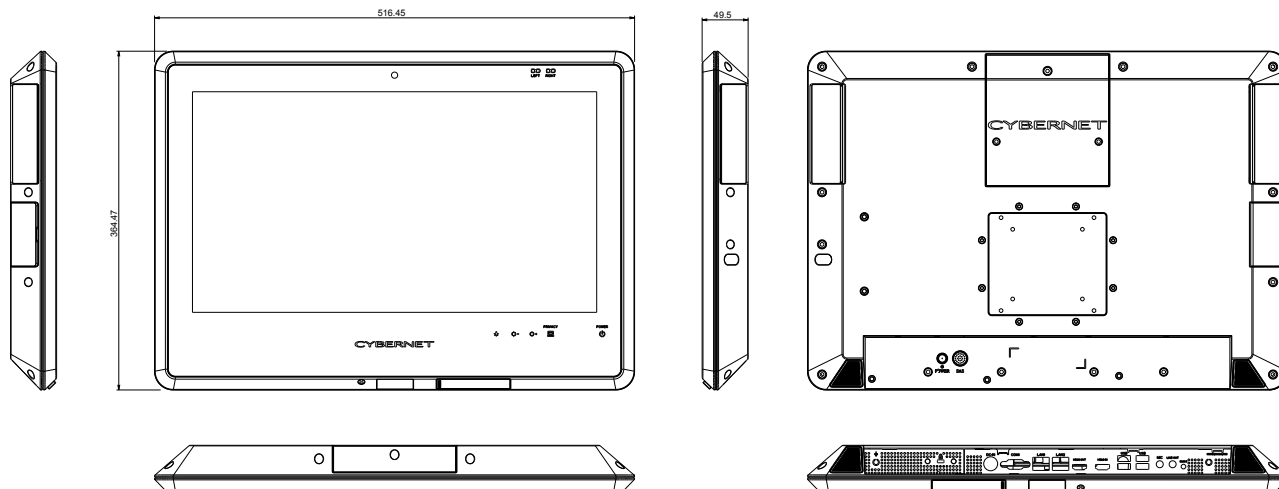
Main Features

- 20" High Resolution Panel
- Two Hot Swap Batteries (NB20)
- PCAP Multi-Touch Display
- IP65 Front & IP54 Back
- UL/cUL/IEC60601-1 Certified
- Antimicrobial Housing



Technical Specifications

Display	MVA LED Panel 1600x900 250nits 170°/170° Viewing Angle 1000:1 Contrast Ratio
CPU Support	6th/7th/11th Generation Intel Core 3955U/i5/i7 Skylake Processors with vPro Technology
Chipset	Integrated
Memory	2x DDR4 2133/2400MHz 204-pin SO-DIMM sockets, populated up to 32GB
Operating System	Windows 11, Windows 10, Windows IoT, Windows 8.1, 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 PCIe X 4 expansion slot 1x mPCIe Half-size slot 1x M.2 M key long slot for SATA or PCIe interface 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	2x Hot Swap Batteries (CyberMed NB20) Visual and audible battery warning management
Relative Humidity	10%~90% (non-condensing)
Waterproof	IP65 Sealed Front Bezel. CyberMed S20 Only: IP54 Back Cover



Mechanical & Environmental

Dimensions	20.35" x 14.37" x 1.95" (L,W,D)
Weight	CyberMed NB20: 16.75 lbs w/o batteries* 18.75 lbs w/2 batteries* CyberMed S20: 16.75 lbs w/o batteries*
Wall Mount	Supports 75mm & 100mm VESA mounting holes
Environment	Ambient Temperature: 0°C~40°C (operating)
Certifications	UL60601-1, cUL60601-1, IEC60601-1, EN60601-1, UL60950 electrical safety, FCC class B, CE, Energy Star 6.1, RoHS 2, 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 (Front Accessible) 1x RS232/422/485, option to expand to 5 COM ports 1x HDMI – In (Display Mode with Audio Int. Speaker) 1x HDMI – Out 1x 4Pin DIN power Jack
Audio	Line-out & Microphone Jack 2-channel, 3 Watt downward facing speakers

Optional Features

- Reading Light
- 2D Barcode Scanner
- 5 Megapixel Webcam
- 3 Battery Multi-charge Station
- Smart Card Reader
- DC Power Output for Peripherals
- Secondary Hard Drive
- Integrated Imprivata SSO Certified RFID Reader
- Extended Warranties

