



Features

- 19" Touch Screen
- Intel 14th Generation Core i5 CPU
- Medically Compliant with 60601-1-2 ED4.1
- Optional Isolated I/O Ports
- Windows 11 Ready

Technical Specifications

General

Main Category Medical Computer

Expansion Slots

Internal M.2 1x M.2 2230 Key E (for WiFi expansion option)
PCIe Slot 1x PCI-E (x4)
PCIe Expansion 40W MAX
Details
video card support MXM, laptop graphics card
NVidia A1000, A2000, A4500

Primary Components

Processor Family Intel Core I series 14th Generation Raptor Lake
Processor Model Core i5-13500TE
Processor Speed 8x Efficient Cores @1.1 GHz, up to 3.1GHz, 6x Performance Cores @ 1.3 GHz, up to 4.5 GHz
Memory Type 2x DDR5 SO-DIMM
Memory Support 8GB, 16GB, 32GB, 64GB, 96GB
Storage type 1x M.2 SATA3 2280 Slot, 1x M.2 2280 NVME SSD slot
Storage support M.2: 256GB-1TB

Multimedia

Camera Optional 3MP Webcam

Display

Screen Size	19"
Resolution	1280 x 1024 (SXGA)
Screen Ratio	4:3
Brightness	350 nits
Contrast Ratio	1000:1
Viewing Angle	170° (H), 160° (V)
Number of Colors Supported	16.7M

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Light Transmission	Over 85%
Hardness	7H
Lifetime Usage	50,000 hrs

External I/O ports

USB	4x USB 3.2, 1x USB 3.2 Type-C (DP 1.4A)
Serial / Com	2x COM
Serial Protocol Detail	1x RS232/RS422/RS485, 1x RS232
Ethernet / LAN	1x RJ45 GbE LAN, 1x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort, supports DP++, 1x HDMI 2.0b
Video Inputs	1x HDMI-no audio
Audio	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	DC-in via adapter cable

Power

Input Voltage Range	19V DC
Standard Power Adapter	Input 100/240 AC, Output 19VDC, 250W

Thermal and Environmental

Operating Temperature	Array (32°F – 104°F)
Storage Temperature	Array (-4°F – 140°F)
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing
Cooling Solution	Active – with Fan

Enclosure

Material	Anti-Microbial
Color	White
Antibacterial Housing	Yes
Led Indicator Light	Battery
Control Buttons	Audio Down, Audio Up, Brightness Down, Brightness Up, Clean me, Display on/off, Programming Function Key, Reading Light
Mounting Options	VESA 100 Mount

Peripherals & Wireless Connectivity

WiFi	WiFi 6 / 802.11 a/b/g/n/ac/ax
BlueTooth	Bluetooth 5.0
RFID	Optional 13.56MHz
Smartcard Reader	Optional

Dimensions / Weight

Weight	7.5 KG (16.5 lbs)
Dimensions	450 x 84.1x 420 mm (17.7 x 3.3 x 16.5 in)

Battery

Type	Optional 10.8V/10350mAh Battery
Quantity	1x Optional Battery
Weight with Optional Batteries	8.5KG (18.74 lbs)

Certification

Operating Systems

Windows	Windows 11 Pro, Windows 10 IoT, Windows 10 Pro
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Warranty

Warranty	Up to 5 Years
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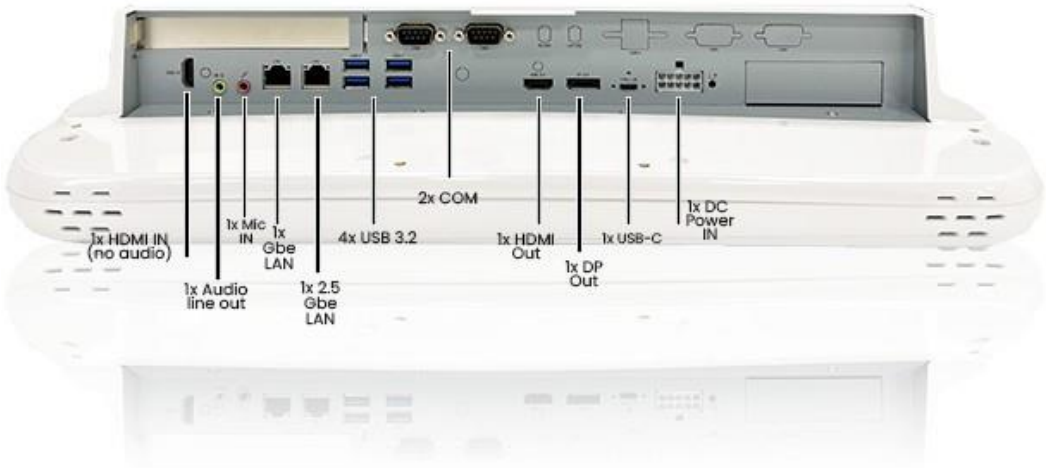
Compatibility

Security Hardware	fTPM 2.0, Intel vPro Technology: Intel AMT Supported
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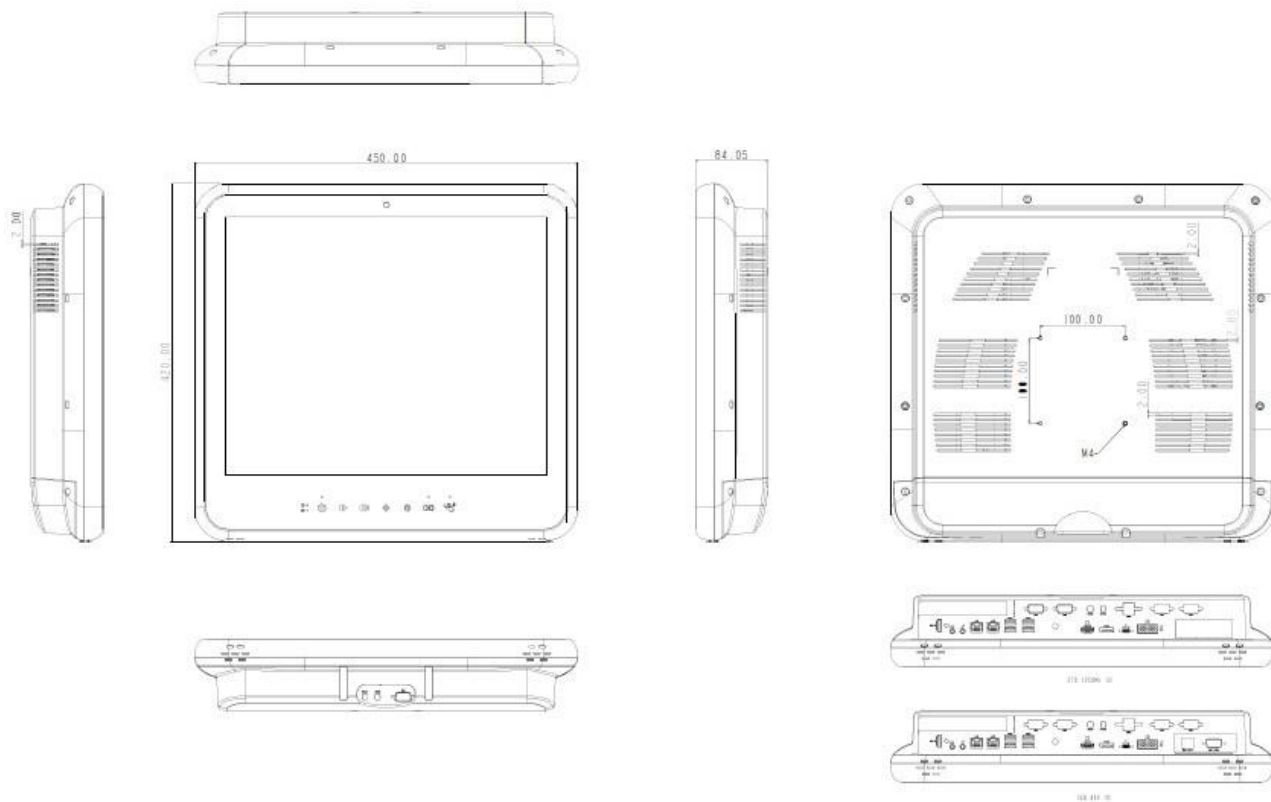
Filters

Main Category Filter	Medical Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.