



Features

- 21.5" Touch Screen
- Intel 13th Generation Core i5 CPU
- Medically Compliant with 60601-1-2 ED4.1
- Optional Isolated I/O Ports
- Windows 11 Ready

Technical Specifications

Primary Components

Processor Family	Intel Core I series 13th Generation Raptor Lake
Processor Model	Core i5-13500TE
Processor Speed	6x Performance Cores @ 1.3 GHz, up to 4.5 GHz, 8x Efficient Cores @1.1 GHz, up to 3.1GHz
Memory Type	2x DDR5 SO-DIMM
Memory Support	8GB, 16GB, 32GB, 64GB, 96GB
Storage Type	1x M.2 2280 NVME SSD slot, 1x M.2 SATA3 2280 Slot
Storage Support	M.2: 256GB-1TB

Display

Screen Size	21.5
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H

External I/O Ports

USB	1x USB 3.2 Type-C (DP 1.4A), 4x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	1x RS232/RS422/RS485, 1x RS232
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x DisplayPort, supports DP++, 1x HDMI 2.0b
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	DC-in via adapter cable

Power

Standard Power Adapter	Input 100/240 AC, Output 19VDC, 250W
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Battery

Battery Type Optional 10.8V/10350mAh Battery

Operating Systems

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

Compatibility

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

Expansion Slots

Video Card Support MXM, laptop graphics card NVidia A1000, A2000, A4500

Multimedia

Camera Optional 5MP Webcam

Thermal & Environmental

Operating Temperature 0°C - 40°C (32°F – 104°F)
Storage Temperature -20°C - 60°C (-4°F – 140°F)
Cooling Solution Active – with Fan
Humidity Range 10% – 90% Non-condensing
Storage Humidity 10% – 90% Non-condensing

Enclosure

Material Anti-Microbial
IP Rating IP65 Front Bezel, IPX1 enclosure
Color White
Control Buttons Audio Down, Audio Up, Brightness Down, Brightness Up, Clean me, Display on/off, Power Button, 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 13.56 Mhz

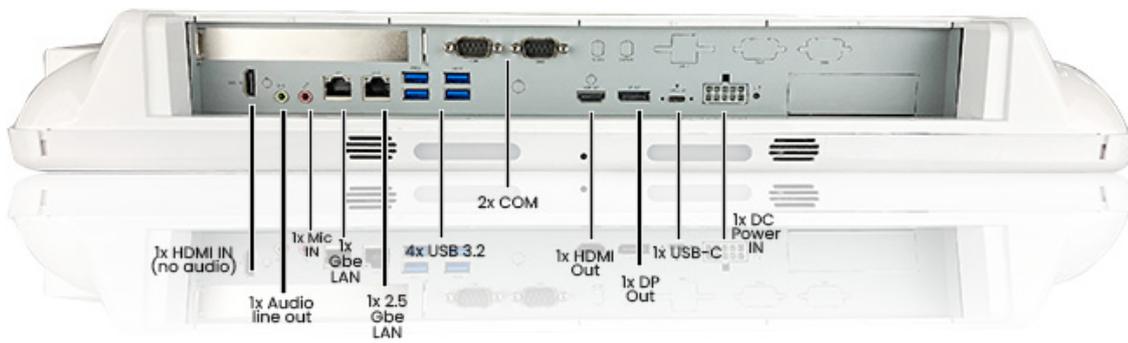
Weight / Dimensions

Weight	8 kg (17.6 lbs)
Dimensions	541 x 74.7 x 352.9 mm (21.3 x 2.9 x 13.9 in)

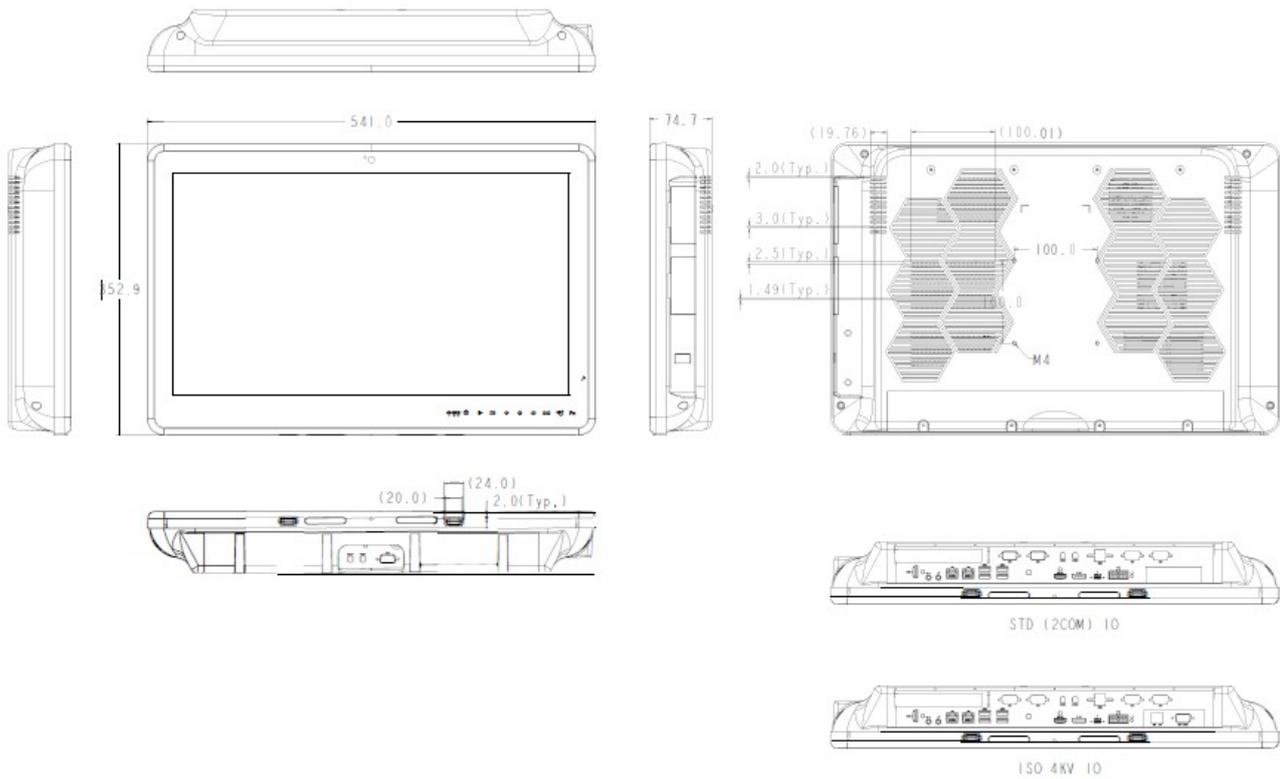
Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.