



Features

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

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	19
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	4:3
Brightness	350 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

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

Battery

Battery Type	Optional 10.8V/10350mAh Battery
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Operating Systems

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

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

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
Video Card Support	MXM, laptop graphics card NVidia A1000, A2000, A4500

Multimedia

Camera	Optional 3MP Webcam
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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
Color	White
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

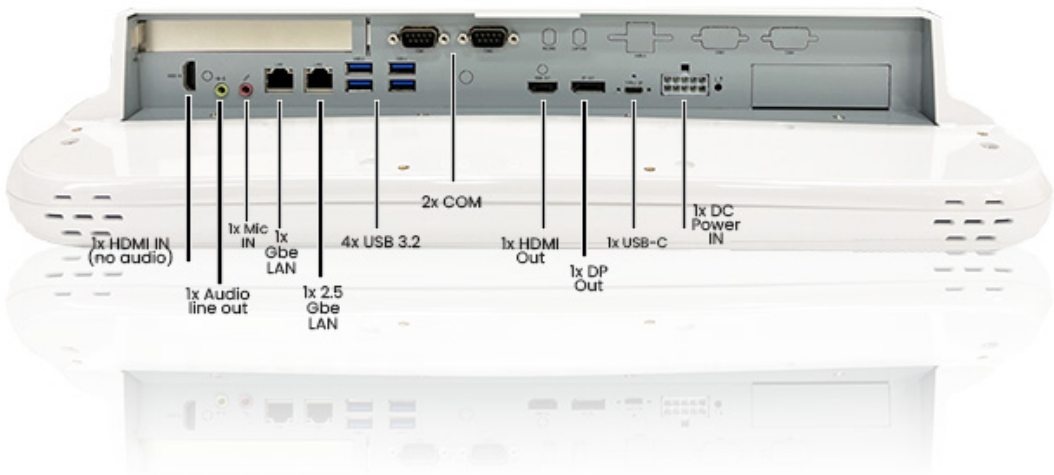
Weight / Dimensions

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

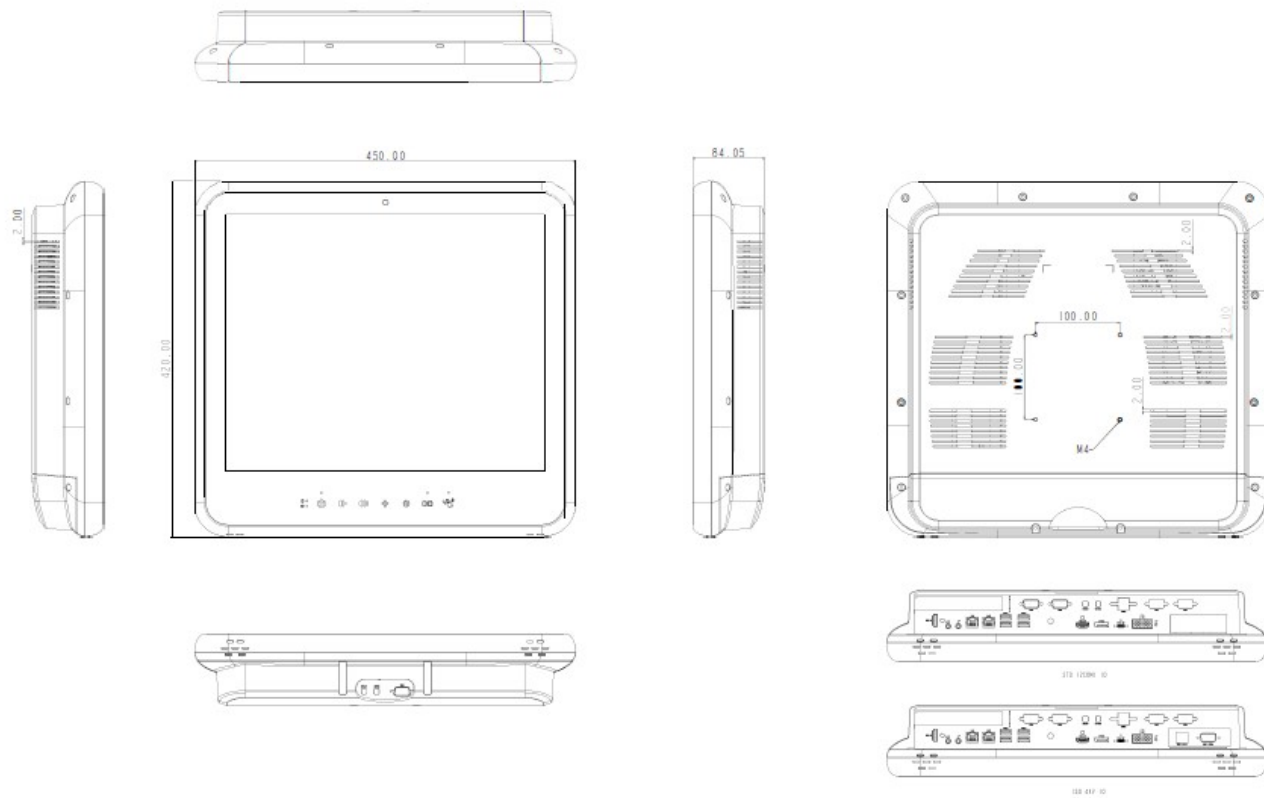
Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.