



Features

- 22" Touchscreen Size
- Intel 12th Generation CPU, passmark 24599
- Windows 11 Compatible
- Die Cast Housing with an IP65 Waterproof Rating
- Built in Power Supply Unit

Technical Specifications

General

Main Category Medical Computer

Primary Components

Processor Family Intel Core I series 12th Generation Alder Lake

Processor Model Core i7-12800HX

Memory Type 2x DDR5 SO-DIMM

Memory Support 8GB, 16GB, 32GB, 64GB

Storage type 1x 2.5" SATA Drive Bay for SSD/HDD (Internal, not with removable drive in use), 1x M.2 2280 NVME SSD slot

Storage support M.2 and 2.5": 128GB - 1TB

Display

Screen Size 21.5"

Resolution 1920 x 1080 (Full HD)

Screen Ratio 16:9

Brightness 250 nits

Contrast Ratio 1000:1

Viewing Angle 178° (H), 178° (V)

Number of Colors Supported 16.7M

Expansion Slots

PCIe Slot 1x PCI-E (x8)

PCIe Expansion Details PCIe x4 signal

Multimedia

Camera Optional 5MP Webcam

Thermal and Environmental

Operating Temperature Array (32°F – 95°F)

Storage Temperature Array (-4°F – 140°F)

Humidity Range 10% – 90% Non-condensing

Cooling Solution Passive – Fanless

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Light Transmission	85%±3%
Hardness	6H

Enclosure

Material	Aluminum, Anti-Microbial
Ip Rating	IP65 Front Bezel, IP54 with cable cover
Color	White
Antibacterial Housing	Yes
Control Buttons	Brightness Down, Brightness Up, Clean me, Display on/off, Exit, Menu, Power Button, Video Input Selection
Programmable Function Buttons	1x Programmable Function Key
Mounting Options	VESA 100 Mount

External I/O ports

USB	4x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485
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	C13, 3-Prong AC Plug

Peripherals & Wireless Connectivity

WiFi	802.11 a/b/g/n/ac/ax
BlueTooth	Bluetooth 5.0
RFID	Optional
Peripheral Other	POAG-Grounding Pin built-in

Power

Standard Power Adapter	Built-In AC 100-240V/47-60Hz to DC 24V, 250W
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Dimensions / Weight

Weight	10 KG (22.0 lbs)
Dimensions	541.9x59x347.1 mm (21.3 x 2.3 x 13.7 in)

Battery

Certification

Certifications	60601-1 3.2 Edition, CE, FCC
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Operating Systems

Warranty

Windows	Windows 11 IoT, Windows 11 Pro, Windows 10 IoT, Windows 10 Pro
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Warranty	Up to 5 Years
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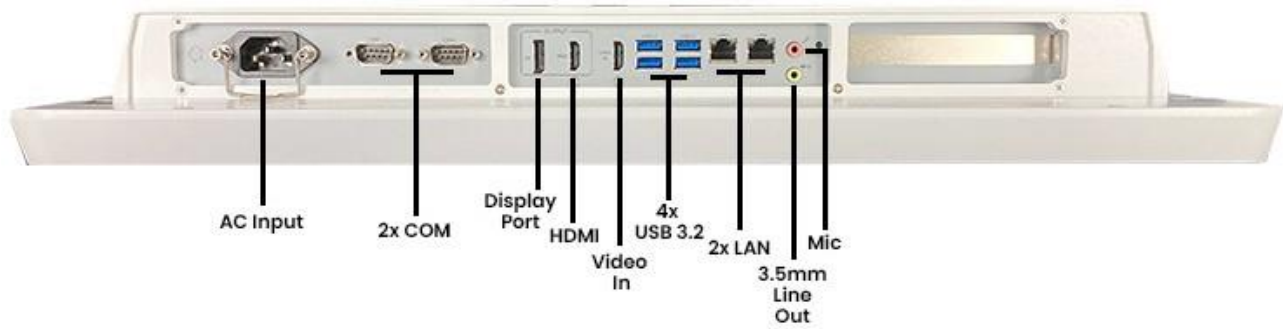
Compatibility

Filters

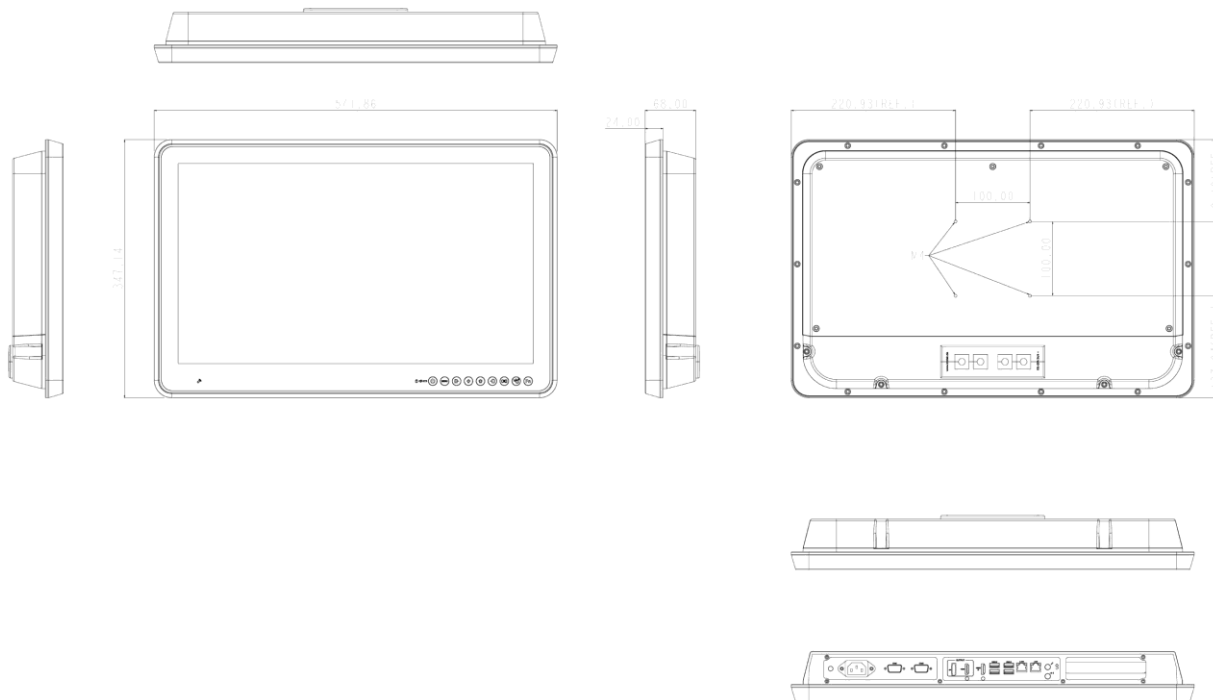
Security Hardware	TPM 2.0, Intel vPro
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Main Category Filter	Medical Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.