



Features

- 21.5" Full Flush HD PCAP Touchscreen
- 7th Gen Intel Core i3/i5/i7 or Celeron Processor
- Easy Access Hot-Swappable Batteries for 24/7 operation
- Two DDR4 RAM Slots up to 32 GB RAM
- Anti-bacterial Housing with Front Control Buttons
- Optional Gen 2 USB 3.1/ Isolated I/Os
- UL/EN 60601-1 4th Edition Medically Certified
- SCR / NFC Readers & Wi-Fi/BT available

Technical Specifications

General

Main Category Medical Computer

Expansion Slots

Internal Mini PCIe Slot Yes
 PCIe Expansion Details 1x PCI-E (x4)
 video card support Intel HD620

Primary Components

Processor Family Intel Core I series 7th Generation Kaby Lake
 Processor Model Core i5-7200U
 Processor Speed 2.5 GHz
 Memory Type 2x DDR4 SO-DIMM
 Memory Support 4GB, 8GB, 16GB, 32GB
 Storage type 1x 2.5" SATA Drive Bay for SSD/HDD, M.2
 Storage support 32GB-1TB

Multimedia

Speakers 2x 2W Speakers
 Camera Optional 5MP Webcam
 Microphone Built-in Microphone

Display

Screen Size 21.5"
 Resolution 1920 x 1080 (Full HD)
 Screen Ratio 16:9
 Brightness 250 nits
 Contrast Ratio 3000:1
 Viewing Angle 178° (H), 178° (V)
 Number of Colors Supported 16.7M

Thermal and Environmental

Operating Temperature Array (32°F – 95°F)
 Storage Temperature Array (-4°F – 140°F)
 Humidity Range 10% – 90% Non-condensing
 Storage Humidity 10% – 90% Non-condensing
 Cooling Solution Passive – Fanless

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Light Transmission	90±3%
Hardness	7H

Enclosure

Material	Anti-Microbial, Plastic
Ip Rating	IP65 Front Bezel
Color	White
Antibacterial Housing	Yes - Tested to ISO 22196 Standard
Led Indicator Light	Battery, Clean me, Fn Key, LCD On/Off
Control Buttons	Audio Down, Audio Up, Brightness Down, Brightness Up, Display on/off, Reading Light, Touchscreen Lock for Cleaning
Programmable Function Buttons	1x Programmable Function Key
Mounting Options	Table Mount, VESA 100 Mount, Wall Mount
Approved Cleaning Solutions	Acetic Acid (low concentration), Ammonium Nitrate (low concentration), Benzine, Citric Acid (low concentration), Ethanol, Ethylene Glycol Solution (1:1 with water), Hexane, Hydrochloric Acid (low concentration), Iron Chloride Solution, Isooctane, Isopropyl Alcohol, Nitric Acid (low concentration), Paraffin, Perhydrol (30% in water), Phosphoric Acid (low concentration), Propane, Silicone Oil, Sodium Carbonate (low concentration), Sodium Chloride Solution, Sodium Nitrate (low concentration), Sulfuric Acid (low concentration), Triethylene Glycol

Cleaning Instructions [View instructions here](#)

External I/O ports

USB	4x USB 3.0, 2x Optional USB 3.1
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	2x DisplayPort
Audio	1x Audio Line-Out, 1x Mic-In

Peripherals & Wireless Connectivity

Smartcard Reader	Included
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Power

Max Power consumption	93.8W
Standard Power Adapter	90-264V / 47~63 Hz

Dimensions / Weight

Weight	7 KG (15.4 lbs)
Dimensions	541 x 353 x 56 mm (21.3 x 13.9 x 2.2 in)

Battery

Type	Optional Hot Swappable Battery
Operating Time	8hrs
Quantity	3x Batteries

Certification

Certifications	60601-1 4th Edition, CE, FCC, IEC 62133, UL 60950, VCCI Class B
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Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
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Warranty

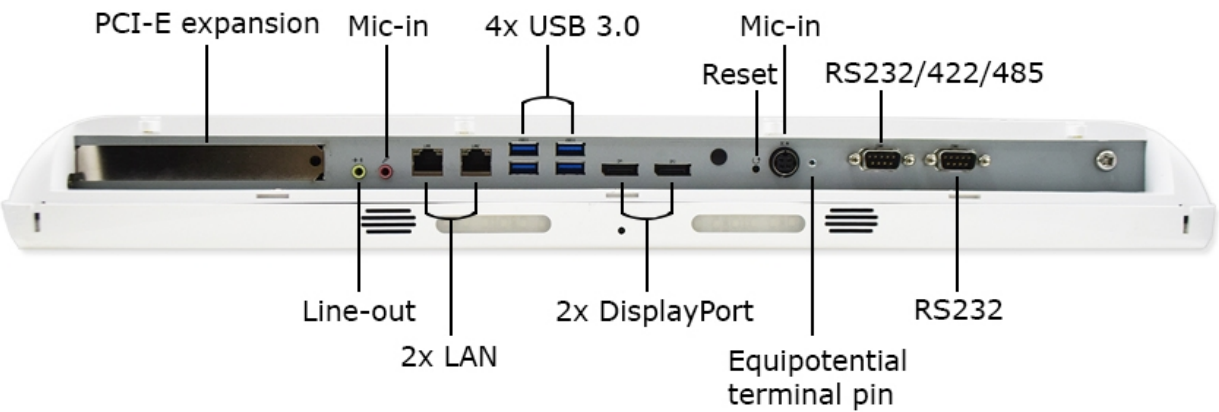
Warranty	1 Year
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Compatibility

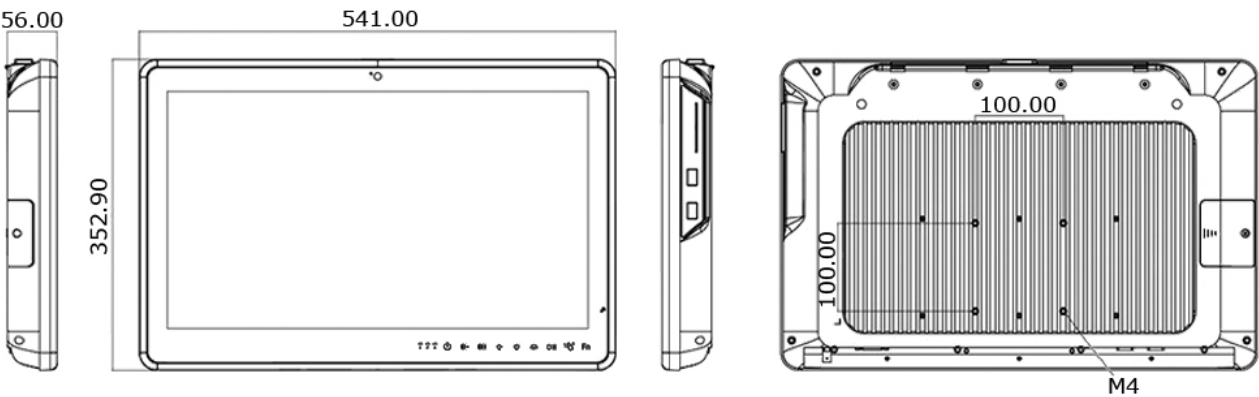
Security Hardware	Optional TPM 2.0, Intel VPro
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Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.