

HORIZON TM-6140-18

21.5" Medical Touch Screen Computer



Key Highlights

- 18.5" PCAP Touch Display
- 12th Generation Alder Lake-N processor
- Designed for medical compliance
- Options for POE and wide input DC power
- Option to upgrade to Core i3
- [Durable Flat Wi-Fi Antenna Kit](#)

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The 18.5" Medical Touch Screen Computer is engineered to meet stringent medical compliance standards while offering unparalleled versatility. Designed for seamless integration into medical workflows, it serves as a reliable solution for bedside terminals and electronic health record management. The powerful 12th Gen Alder Lake-N processor ensures efficient performance, enhancing productivity in healthcare environments. The modular, two-piece design not only simplifies repairs but also allows for future upgrades, ensuring longevity and adaptability to evolving technological needs. This terminal represents a forward-looking approach to healthcare computing, prioritizing reliability, efficiency, and flexibility.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Core i3-N305, Intel-Prozessor N97
Processor Speed	Up to 3.6 GHz, Up to 3.8 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB
Storage Support	128GB-1TB

External I/O Ports

USB	1x USB 3.0 Typ C, 2x USB 3.0, 4x USB 2.0
Serial / Com	3x RJ48 COM
Serial Protocol Detail	RS232
Ethernet / LAN	1x RJ45 GbE LAN
Video Outputs	1x DisplayPort über USB-C Alt Mode
Other Ports	1x RJ11
Power Input Port	4-polig DIN (rastend)

Multimedia

Speakers	1x 3W Lautsprecher
Camera	Optionale 5MP-Webcam

Enclosure

Material	
IP Rating	
Color	Schwarzer Touch mit silberner Umrandung und schwarzer Rückseite (Standard) oder weiße Rückseite (optional)
Led Indicator Light	Power
Control Buttons	Power Switch
Mounting Options	

Certification

Certifications	CE, FCC
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Warranty

Warranty	
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Display

Screen Size	18.5"
Resolution	1366 x 768
Screen Ratio	16:9
Brightness	450 nits

Touch Screen

Touch Screen	
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Power

Input Voltage Range	12-48V DC
Standard Power Adapter	Externer 19V/3,42A 65W DC-Netzadapter (120W Adapter mit Powered USB Option)

Operating Systems

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

Expansion Slots

Internal M.2	1x M.2 2230 Key E (für WiFi-Erweiterungsoption), 1x M.2 für NVME SSD Unterstützung
Expansion Module support	1x Steckplatz für Erweiterungsplatine mit Optionen für POE, Weitbereichsstromversorgung, isolierte serielle und LAN-Verbindung und Powered USB

Thermal & Environmental

Operating Temperature	
Storage Temperature	
Cooling Solution	
Humidity Range	

Peripherals & Wireless Connectivity

WiFi	
Bluetooth	

Weight / Dimensions

Weight	5 kg (11.0 lbs)
Dimensions	454 x 287 x 47 mm (17.9 x 11.3 x 1.9 in)

Specifications subject to change.

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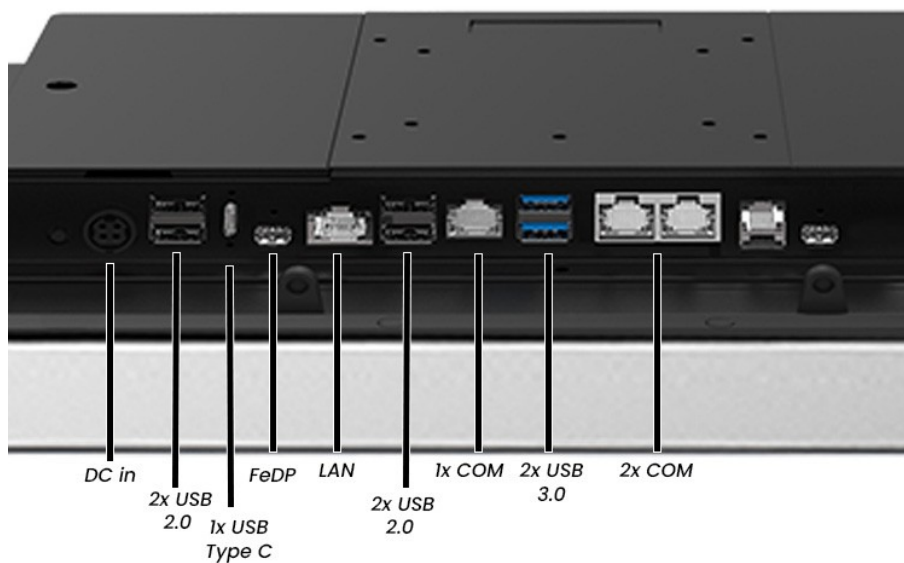
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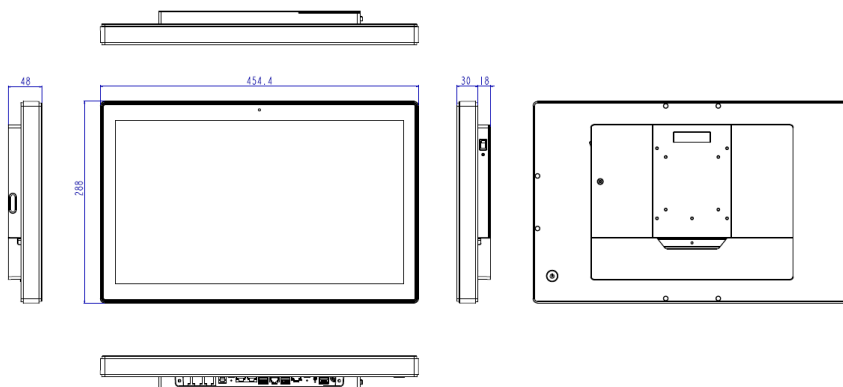
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I/O Diagram Images



Tech Diagram Images



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