

# HORIZON TM-6140-18

## 18.5" 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](#)

[VIEW ONLINE](#)

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.

#### USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
[sales@teguar.com](mailto:sales@teguar.com)

#### EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
[sales.EU@teguar.com](mailto:sales.EU@teguar.com)

#### ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
[sales@teguar.com.tw](mailto:sales@teguar.com.tw)

# Technical Specifications

## Primary Components

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Core i3-N305, Intel Processor 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 type 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 via USB-C Alt Mode
Other Ports	1x RJ11
Power Input Port	4-Pole DIN (latching)

## Multimedia

Speakers	1x 3W Speaker
Camera	Optional 5MP Webcam

## Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Black Touch w/ Silver Border and Black Rear (Default) or White Rear (Optional)
Led Indicator Light	Power
Control Buttons	Power Button, Power Switch
Mounting Options	VESA Mount

## Certification

Certifications	CE, FCC
----------------	---------

## Warranty

Warranty	Up to 5 Years
----------	---------------

## Display

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

## Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
--------------	------------------------------------

## Power

Input Voltage Range	12-48V DC
Standard Power Adapter	External 19V/3.42A 65W DC Power Adapter (120W Adapter with 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 (for WiFi expansion option), 1x M.2 for NVME SSD Support
Expansion Module support	1x Expansion Board Slot with Options for POE, Wide Range Power, Isolated Serial & LAN and Powered USB

## Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive
Humidity Range	20% - 85% Non-condensing

## Peripherals & Wireless Connectivity

WiFi	Optional WiFi 6 (AX)
Bluetooth	Optional Bluetooth 5.2

## 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.

### USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

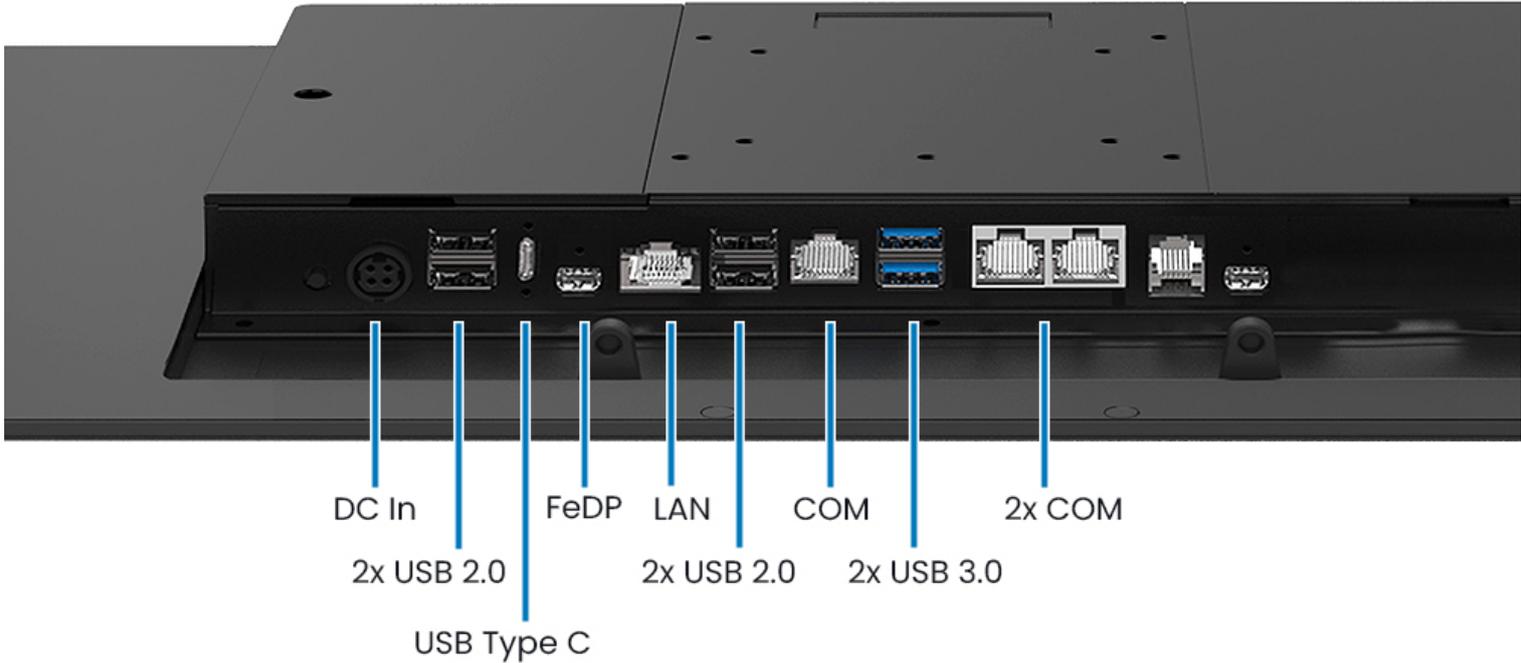
### EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

### ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw

# I/O Diagram Images

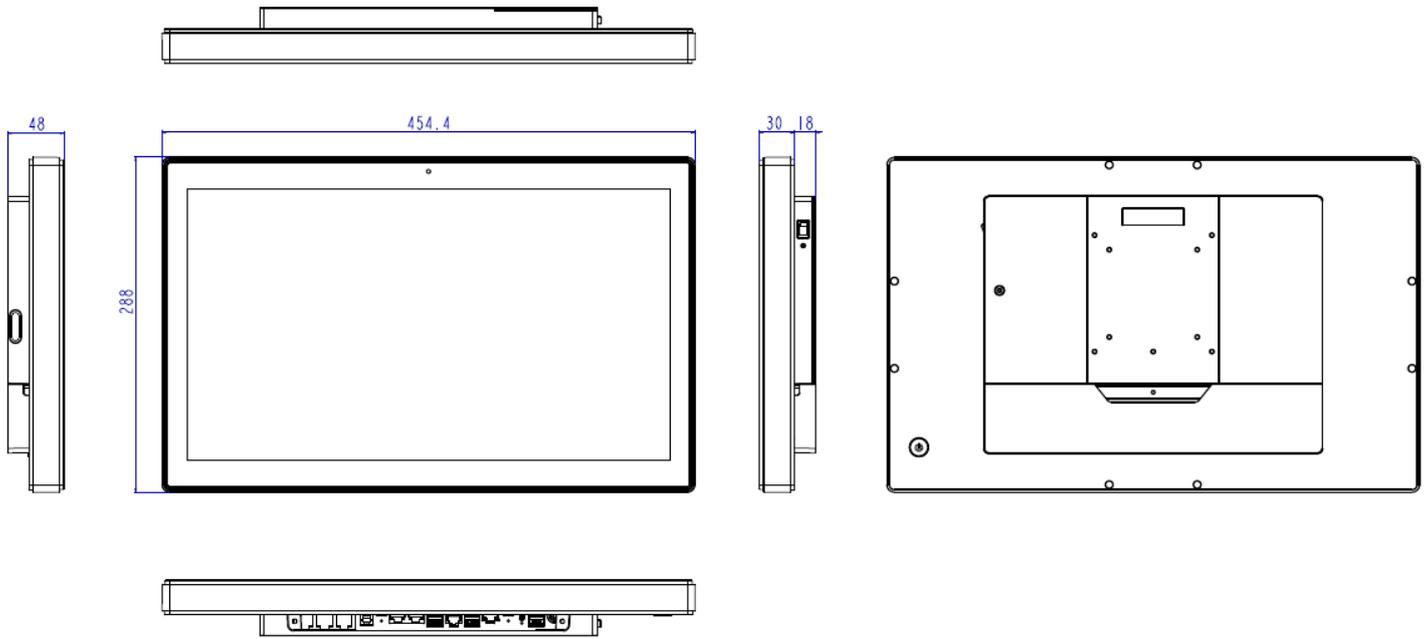


**USA**  
Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

**EUROPE**  
Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

**ASIA**  
Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw

# Tech Diagram Images



## USA

Teguar  
2920 Whitehall Park Drive  
Charlotte, NC 28273  
+1 866-693-3105  
sales@teguar.com

## EUROPE

Teguar Europe AG  
Churerstrasse 54, CH-8808  
Pfäffikon, Switzerland  
+41 41 561 53 11  
sales.EU@teguar.com

## ASIA

Teguar Taiwan Ltd.  
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,  
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)  
+886 2 7751 5319  
sales@teguar.com.tw