

# HORIZON TA-6140-27

27" Lightweight All-in-One Industrial Kiosk Computer



## Key Highlights

- Intel® Celeron CPU with Core i™ Options Available
- 27" PCAP Touch Display
- Lightweight and Sleek Plastic Enclosure
- Modular Design
- High performance for a low cost
- External Expansion modules available for webcam, NFC/RFID readers, light bar, and more

[VIEW ONLINE](#)

The TA-6140-27 is the sleek plastic kiosk member of the Horizon family. Enjoy the modular design, slim yet rugged construction, and N97 or N305 processor options of the Horizon Series at a lower price point in a lightweight unit perfect for consumer-facing applications. Customize the TA-6140-27 to your specific application with a variety of external expansion modules: fingerprint reader, 2D scanner, and more. This customer-friendly kiosk, with vertical and horizontal mounting support, still brings Teguvar durability to light industrial applications with a sturdy enclosure and a securely adhered 27" PCAP touch screen.

### USA

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

### EUROPE

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

### ASIA

Teguvar 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

# Technical Specifications

## Primary Components

Processor Family	Intel Celeron or Core I series 12th Generation Alder Lake N
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	8GB, 16GB
Storage Support	128GB-1TB

## Power

Input Voltage Range	12-48V DC
Standard Power Adapter	19Vdc, 3.42A, 65W US AC

## Operating Systems

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

## Expansion Slots

Internal M.2	1x M.2 2280 M-Key for NVMe or SATA SSD
Expansion Module support	1x Expansion Board Slot with Options for Powered USB (2x 12V, 1x 24V) and Isolated LAN (1x RJ45, 1x DB9 COM)

## Enclosure

Material	Plastic
IP Rating	IP54 Front Bezel
Color	Black
Led Indicator Light	Power
Control Buttons	Power Button
Mounting Options	VESA 100 Mount, VESA 75 Mount

## Weight / Dimensions

Dimensions	652 x 383 x 35 mm (25.7 x 15.1 x 1.4 in)
------------	--

## Warranty

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

Specifications subject to change.

## Display

Screen Size	27"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9

## Touch Screen

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

## External I/O Ports

USB	1x USB 3.2 Type-C (DP 1.4A), 2x USB 3.0, 4x USB 2.0
Serial / Com	3x RJ48 COM
Serial Protocol Detail	RS232
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
----------	---------------

## 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 - Fanless
Humidity Range	20% - 85% Non-condensing

## Peripherals & Wireless Connectivity

WiFi	Optional WiFi 6E
Bluetooth	Optional Bluetooth 5.2

## Certification

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

### 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