

TriGo Foldable Triple-Screen All-in-One PC Product Specification

1.0

Version History

Date	By	Changes	Version
2025-09-15		• Initial Version	1.0

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1. Introduction

The TriGo triple-screen all-in-one features a unique "7-shaped" layout with three 16-inch displays—one at the bottom, two on top—delivering a seamless cross-screen interaction experience. This innovative vertical-expansion design dramatically extends the workspace while supporting efficient operation with an external keyboard and mouse. Ideal for multitasking scenarios including financial trading, programming, and video editing. Ultra-narrow bezels minimize visual interruptions, and the robust Z-shaped stand provides both stability and industrial aesthetics. Suitable for deployment in workstations, control rooms, and premium office environments.

This foldable triple-screen all-in-one computer is powered via a barrel power connector.



2. Features

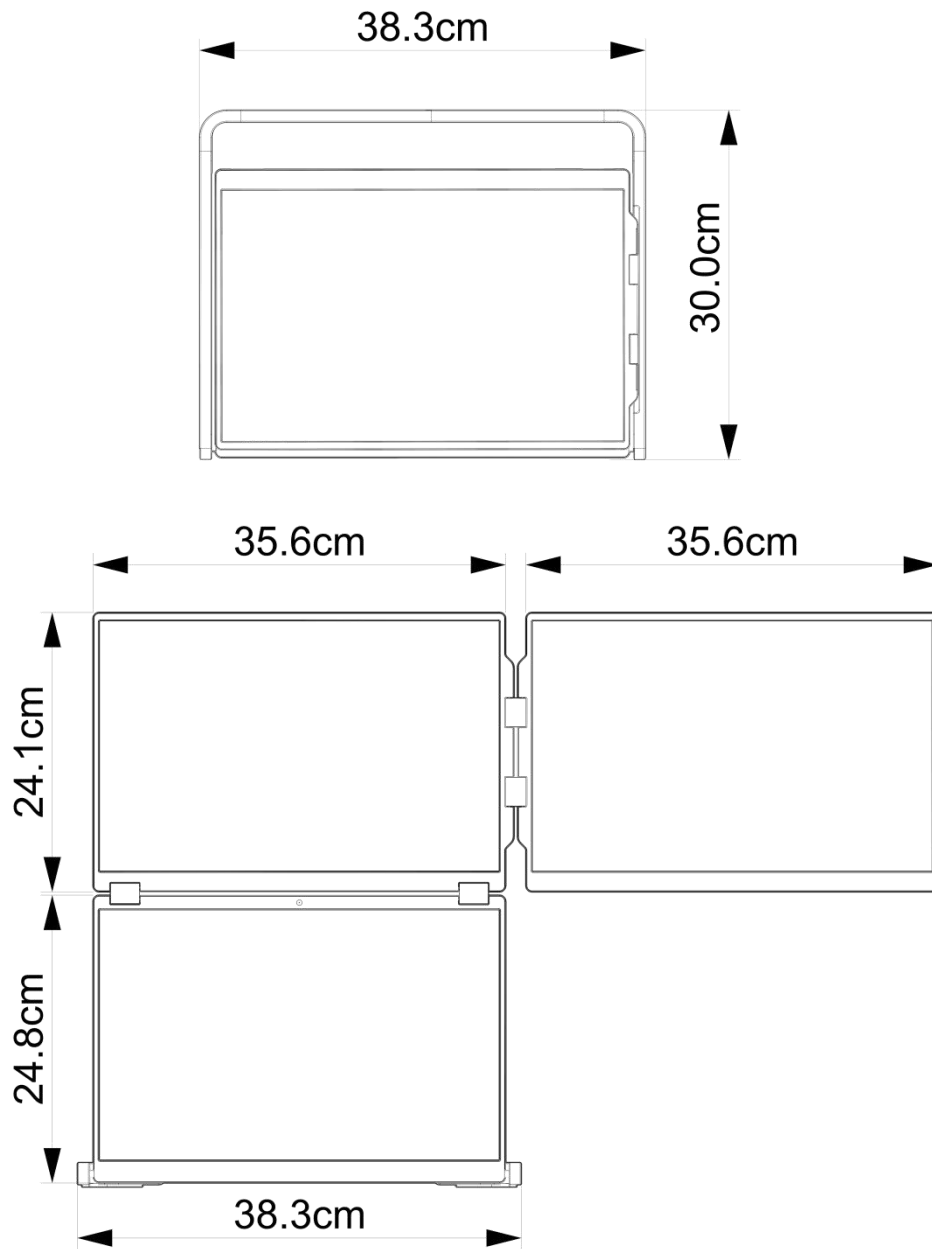
- Version FHD: 3 x 16 inches FHD IPS Monitors
 - Display Resolution: 1920 x 1200p
 - Aspect Ratio: 16:10
 - Refresh Rate: 60 Hz
 - Color gamut: 72% NSTC
 - Brightness: 300 nits
 - Wide Angle: 178°
 - Support Low Blue light, comfortable for eyes
- Version QHD: 3 x 16 inches QHD IPS Monitors
 - Display Resolution: 2560 x 1600p
 - Aspect Ratio: 16:10
 - Refresh Rate: 60 Hz
 - Color gamut: 72% NSTC
 - Brightness: 300 nits
 - Wide Angle: 178°
 - Support Low Blue light, comfortable for eyes
- Connection and Interfaces
 - 1 x RJ45
 - 1 x 3.5 mm Audio Jack
 - 2 x USB 3.0 Type-A port
 - 1 x miniSD card slot
- Power Delivery
 - DC charging port
- Core and System
 - OS: Windows 10/ Windows 11
 - Intel® Core™ i5-1235U Processor, 12M Cache, up to 4.40 GHz, with IPU
 - GPU: Intel® Iris® Xe Graphics eligible
 - RAM: SO-DIMM×2, 4GB/8GB/16GB
 - SSD: SSD×2, 64GB/128GB/256GB/512GB/1TB
- Wireless communication
 - Bluetooth: Bluetooth4.0/4.2 or Bluetooth5.1
 - Wi-Fi: 802.11ac/b/g/n
- Multi-media
 - Built-in Camera (Front) : 5V 0.3MP or 2.0MP
 - ◆ Capture resolution: 1280 x 800
 - Speaker: Built-in stereo speakers, BOX 8R/1.0W×2
 - HALL: Support

- Other Hardware
 - Ethernet Network: RJ45 Support 100M&1000M
- Certifications
 - CE
 - FCC
- Environment Condition
 - Operation Temperature : 0 to 50 °C
 - Operation Relative humidity : 10% - 90%
 - Storage Temperature : -20 to 80 °C
 - Storage Relative humidity : 5% - 95%

3. Typical Applications

- Software Development: Write code on the bottom screen, while the two top screens display debug output and documentation reference respectively, eliminating frequent window switching
- Data Analysis: Manipulate data tables on the bottom screen, while comparing multiple charts and reports on the top screens, improving analysis efficiency
- Video Editing: Place the timeline on the bottom screen, preview on the top-left screen, and stack media library and effects panel on the top-right screen
- 3D Modeling & Rendering: Operate viewports on the bottom screen, while displaying material editor and render preview on the two top screens respectively
- Graphic Design: Create on the main canvas at the bottom screen, while placing reference images, layers, and toolbars on the top screens
- Financial Trading: Execute trading operations on the bottom screen, while monitoring candlestick charts and real-time quotes of multiple stocks across the top screens
- Education & Training: Display teaching content on the bottom screen, while showing presentation notes and interactive panel on the top screens
- Live Streaming: Control OBS and streaming backend on the bottom screen, while displaying chat messages, audience data, and preview on the top screens
- Medical Imaging: Perform image reading on the bottom screen, while comparing historical images and diagnostic reports on the top screens
- Security Monitoring: Operate the surveillance system on the bottom screen, while displaying multiple camera feeds simultaneously across the top screens
- Industrial Control: Show equipment operation interface on the bottom screen, while displaying real-time data curves and alarm information on the top screens
- Music Production: Edit MIDI tracks on the bottom screen, while displaying mixing console and plugin interfaces on the two top screens respectively
- Game Streaming: Run the main game view on the bottom screen, while displaying streaming backend and audience interaction on the top screens
- E-commerce Operations: Manage the store backend on the bottom screen, while monitoring competitors, customer service chats, and traffic data on the top screens
- Academic Research & Writing: Write the paper on the bottom screen, while displaying references, data charts, and reference management tools on the top screens

4. Technical Specifications



Description	Parameters
Module No.	TriGo
Panel Size	3 x 16"
CPU	Intel Core i5
RAM	4GB/8GB/16GB
Panel technology	IPS
Wireless Connectivity	Wi-Fi 802.11ac/b/g/n; Bluetooth 4.0/4.2 or 5.1
Color gamut	72% NSTC
Display Colors	16.7 M
Resolution	Version FHD: 1920 x 1200p Version QHD: 2560 x 1600p
Brightness (Typ.)	Version FHD: 300(+30) Nits Version QHD: 300(+30) Nits
Keys	Power Key * 1
Speaker	Built-in stereo speakers, BOX 8R/1.0W×2
Refresh rate	60 Hz
Fold Angle	0~ 360°
Net Weight	3.6kg
Dimension	Unfolding:714 x 300 x 490 mm Folded: 383 x 300 x 38 mm
Operating Condition	Temperature:0°C-50°C Humidity:-20%-80%
Power Charger	DC
Certifications/Compliance	