



## Thinvent Treo Mini PC

**Intel Core i5-12450H processor**

**8 core, up to 4.4 GHz, 12 MB cache**

**16GB DDR4 RAM (2 x 8GB)**

**512GB SSD**

**Dual Band WiFi**

**Windows 11 Pro**

SKU: TREO-I5\_12H-8\_8-M512-12\_10-M-11P-0



Engineered reliability, built to perform – for any professional environment.

Introducing the Thinvent® Treo Mini PC, a workhorse designed for the demands of commerce, education, and industry. Powered by a 12th Gen Intel® Core™ i5 processor, this machine delivers responsive, efficient performance for everything from busy reception desks and digital signage to classroom computing and light server tasks. We've paired solid performance with a purpose-built chassis.

Built to last, performance you can trust.

What sets the Thinvent Treo apart is what's inside and what surrounds it. Totally redefining miniaturised business computing, this is a full desktop PC engineered from solid aluminium. This premium, smooth-finished enclosure does the intelligent work your applications require – effective, reliable thermal management. It disperses heat silently and passively, keeping the Treo cool under any condition. This means unwavering, fan-assisted quiet performance and longevity that a typical plastic case cannot match.

Form combines perfectly with function to create a solution you can place discreetly nearly anywhere. The included VESA mount lets you attach it directly behind a monitor, turning any mountable panel into a clutter-free, all-in-one station – perfect for reception areas, checkout lanes, and factory floorsal.

Totally independent of fluctuating supply chains.

The Treo is more than a strong spec; it is a nationality asset. 100% designed and made in India at our national facility. Insist on quality you trust with worldwide RTHS, RoHS, and ISO compliance. Furthermore, for volume requirements or unique branding outlets, this chassis is available in alternative hues with specific patterns tailored entirely to your corporate or project's plan.

Form follows function, silently.

Make performance part of your brand: Get the Thinvent Treo Mini PC. Your premium transition is made. Perfect for small office spaces, robust for industrial hosts. A workstyle re-execution or something cleaner? Let's plan power for just yourself and nothing else less comprehensive.



# Thinvent Treo Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 12450H  |
| Cores           | 8       |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 512 GB  |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.2       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 10 Amps                                      |
| Power Input  | 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre                                      |

### ENVIRONMENTAL

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

|                      |                            |
|----------------------|----------------------------|
| Form Factor          | Mini PC                    |
| Dimensions           | 199.5mm × 181.5mm × 29.5mm |
| Packing Dimensions   | 224mm × 319mm × 85mm       |
| Housing Material     | Aluminium                  |
| Housing Finish       | Powder Coated              |
| Housing Colour       | Black                      |
| Net and Gross Weight | 1.52kg, 1.74kg             |

### ACCESSORIES

|            |   |
|------------|---|
| VESA Mount | 1 |
|------------|---|

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

Treo-i5\_12H-[RAM]-[SSD]-12\_10-[Wireless]-[OS]-[Accessories]

## RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32\_32 = 64GB  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## SSD

m128 = 128GB

m256 = 256GB

m512 = 512GB

m1024 = 1TB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

W\_OS = Without OS

11V = Windows 11 IoT Value

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

U = Ubuntu Linux

## Accessories

0 = None

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

Mo = Wired Optical Scroll Mouse

[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

## R&amp;D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

## Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

