



## Thinvent Treo Mini PC

**Intel Core i5-12450H processor**

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

**64GB DDR4 RAM (2 x 32GB)**

**1TB SSD**

**Dual Band WiFi**

**Windows 11 Pro**

SKU: TREO-I5\_12H-32\_32-M1024-12\_5-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     | 64 GB   |
| SSD Storage     | 1024 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   | 5 Amps                                       |
| Power Input  | 100~240 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 | 1.42kg, 1.65kg             |

### 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         | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                  | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB) | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)                      | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB<br><b>m512</b> = 512GB                                                      | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB                      |                                                                                    |                       |
| Wireless    | <b>m</b> = Dual Band WiFi                                                                       |                                                                | <b>X</b> = No WiFi                                                                 |                       |
| OS          | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux |                                                                | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux |                       |
| Accessories | <b>0</b> = None<br><b>MK</b> = Mechanical Keyboard                                              |                                                                | <b>KM</b> = Keyboard and Mouse set<br><b>Mo</b> = Wired Optical Scroll Mouse       |                       |

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