



# Thinvent Treo Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

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

**512GB SSD**

**Dual Band WiFi**

**Windows 11 IoT Value**

SKU: TREO-I5\_12-32\_32-M512-12\_7-M-11V-0



Power redefined, meticulously crafted in India.

### Introducing the Thinvent® Treo Mini PC

Experience desktop-grade power in an impossibly compact form factor. This 100% designed and made in India marvel is engineered for peak performance and unwavering reliability, perfect for demanding business environments, digital signage, or advanced home computing.

### Unrivalled Performance

**At its core lies the Intel® Core™ i5-1250P processor, a powerhouse featuring**

- 12 Cores for superior multitasking
- Up to 4.4 GHz Max Frequency for lightning-fast operations
- 12 MB Cache for efficient data access

Paired with 4GB DDR4 RAM and a blazing-fast 512GB SSD, enjoy instant boot-ups, seamless application switching, and ample storage for all your critical data.

### Robust Connectivity & Versatility

**The Treo Mini PC offers comprehensive connectivity to integrate effortlessly into any setup**

- HDMI and VGA ports for multi-display setups

- Multiple USB 3.2 and USB 2.0 ports for peripherals
- Gigabit Ethernet for stable wired networking
- Dual Band Wi-Fi 5 (802.11ac) for flexible wireless access
- Dedicated audio ports including Front Speaker Out and Mic In

Running on Windows 11 IoT Enterprise LTSC 2024 Value, it delivers a secure, long-term stable, and powerful operating environment.

### Premium Design & Durability

Encased in a solid, powder-coated black Aluminium housing, the Treo Mini PC ensures efficient heat dissipation and a sleek, professional aesthetic. Its robust metal build guarantees exceptional durability, designed to operate reliably from 0°C to 40°C. Measuring just 199.5mm × 181.5mm × 29.5mm and VESA mountable, it fits seamlessly into any space. For large requirements, customisable colours and designs are available. With RoHS, ISO, and BIS certifications, trust in its quality and environmental compliance.



# Thinvent Treo Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 64 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   | 7 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 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

Treo-i5\_12-[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

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