



# Thinvent Treo Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Windows 11 IoT Value

SKU: TREO-I5\_12-16\_16-M512-12\_7-X-11V-0



Unleash uncompromising performance, engineered for excellence in India.

Discover the Thinvent® Treo Mini PC: a powerhouse of efficiency and reliability, meticulously designed and 100% made in India. Experience superior computing in a compact form factor, built to excel in demanding environments.

### Core Performance

- Powered by the formidable Intel® Core™ i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz with a 12 MB cache, the Treo Mini PC delivers exceptional performance for multitasking and intensive applications.
- With 8GB DDR4 RAM and a lightning-fast 512GB SSD, enjoy seamless operation, rapid boot times, and ample storage for all your critical data.

### Robust Design and Connectivity

- Housed in solid, powder-coated black aluminium, its design ensures efficient heat dissipation, providing silent operation and an incredibly durable, smooth finish.
- At just 199.5mm × 181.5mm × 29.5mm, this VESA-mountable device saves valuable space.
- Connectivity is comprehensive with:
  - 1 HDMI and 1 VGA port for versatile display options.

- Dedicated front and rear audio jacks (Speaker Out, Mic In).

- 2 high-speed USB 3.2 ports, 2 USB 2.0 ports, and 4 additional front USB 2.0 ports for extensive peripheral support.

- A robust 1000 Mbps Ethernet connection ensures secure, high-speed wired networking, making it ideal for environments where WiFi is not desired for heightened security or reliability.

### Operating System and Security

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, this Mini PC offers a stable, secure, and long-term supported platform perfect for embedded and industrial applications.

### Uniquely Indian, Globally Certified

- Proudly designed and made in India, the Treo Mini PC meets international standards, holding RoHS, ISO, and BIS certifications.
- For enterprises with specific branding or design needs, customisation options are available for bulk orders.
- With a wide power input (100~275 Volts AC) and a 12V 7A adapter, it's ready for diverse power grids, operating reliably between 0°C ~ 40°C.



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## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 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 |
|----------|-----------|

### 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\_7-[Wireless]-[OS]-[Accessories]

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

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