



# Thinvent Treo Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## DOS

SKU: TREO-I5\_12-4-M512-12\_5-M-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Discover the Thinvent® Treo Mini PC, a testament to powerful, compact Indian engineering.

### Core Performance

- Drive demanding tasks with the Intel® Core™ i5-1250P processor: 12 cores, up to 4.4 GHz, 12 MB cache.
- Multitask seamlessly with 32GB DDR4 RAM.
- Experience lightning-fast boot-ups and app loads from the 256GB SSD.

### Connectivity & Expandability

- Connect dual displays via HDMI and VGA.
- Six USB ports (2x USB 3.2, 4x front USB 2.0) offer broad peripheral support.
- Enjoy reliable networking with Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac).

### Robust Indian Craftsmanship

- 100% designed and made in India, featuring a durable, powder-coated black aluminium housing.
- This solid metal build ensures efficient heat dissipation and long-term stability.
- Its ultra-compact 199.5mm × 181.5mm × 29.5mm dimensions include VESA mount capability for discreet installation.
- Custom colours and designs are available for large-scale deployments.

### Reliability & Customisation

- Powered by a stable 12V 7A adapter with wide 100~275V AC input.
- Certified with RoHS, ISO, and BIS for quality assurance.
- Designed for versatile environments, operating from 0°C to 40°C with 20-80% RH non-condensing humidity.
- Comes with FreeDOS, ready for your preferred operating system.



# Thinvent Treo Mini PC



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 4 GB    |
| SSD Storage     | 512 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

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

### POWER

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|              |  |
|--------------|--|
| 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

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

### PHYSICAL

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|                      |                            |
|----------------------|----------------------------|
| 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

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

### OPERATING SYSTEM

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|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## Ordering Information

| PRODUCT CODE   |  |
|--|--|
| <b>Treo-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| RAM  | <b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4<br><b>64</b> = 64GB DDR4   |
| SSD  | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><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<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><b>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux |
| Accessories  | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse   |

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