



## Thinvent Treo Mini PC

### Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

### Dual LAN

### 32GB DDR4 RAM

### 2TB SSD

### Dual Band WiFi

### Windows 11 IoT Value

SKU: TREO-I7\_12L-32-M2048-12\_5-M-11V-0



Industrial power, compacted. Meet the future of reliable computing with the Thinvent® Treo Mini PC.

#### Engineered for demanding environments

- Experience exceptional responsiveness and multi-tasking power for digital signage, automation, and edge computing.
  - Its robust dual LAN and connectivity options ensure unwavering network stability in critical operations.
  - The solid aluminium chassis isn't just for show; it dissipates heat efficiently for sustained performance where it matters most.
- Ready to work straight out of the box with a professional-grade operating system pre-installed.

Built with pride and precision in India, the Treo features a sleek, powder-coated black metal build designed for durability and a seamless professional look. For large-scale deployments, we even offer customisation in colours and design to match your brand identity perfectly.

Deploy the robust, reliable, and remarkably compact computing solution engineered for the long haul.



# Thinvent Treo Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i7      |
| Processor Brand | Intel   |
| Processor Model | 1255U   |
| Cores           | 10      |
| Max Frequency   | 4.7 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 2048 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 |
| Front USB 2.0 | 3 |
| RS485 Option  | 1 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Ethernet Ports      | 2                             |
| 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 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

Treo-i7\_12l-[RAM]-[SSD]-12\_7-[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<br><b>m2048</b> = 2TB                                                         | <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>110</b> = Windows 11 Professional<br><b>U</b> = Ubuntu Linux |                                                                | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded 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                      |                       |

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

+91-11-430-77467

 +91-99903-44251

**R&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

