



## Thinvent Treo Mini PC

### Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

### Dual LAN

16GB DDR4 RAM (2 x 8GB)

### 512GB SSD

### Dual Band WiFi

### Windows 11 IoT Value

SKU: TREO-I7\_12L-8\_8-M512-12\_7-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     | 16 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 |
| 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   | 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-i7\_12l-[RAM]-[SSD]-12\_7-[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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