



# Thinvent Treo Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Thinux Embedded Linux

SKU: TREO-I3\_12-16\_16-M1024-12\_7-X-THINUX-0



## Unleash Mighty Performance in a Mini Footprint, Crafted in India

Experience the Thinvent® Treo Mini PC, a powerhouse designed for efficiency and reliability. 100% designed and made in India, this compact device delivers robust performance for your most demanding applications.

### Superior Performance

- Driven by an Intel® Core™ i3-1215U processor (6 cores, up to 4.4 GHz, 10 MB cache), ensuring lightning-fast responsiveness.
- Multitask effortlessly with a massive 32GB DDR4 RAM.
- Enjoy rapid boot times and quick application loading from a 1TB SSD.

### Robust Connectivity & Design

- Connect to multiple displays via HDMI and VGA ports.
- Versatile USB options include 2x USB 3.2, 2x USB 2.0, and 4x front USB 2.0 for all your peripherals.
- Secure and stable network access with 1000 Mbps Ethernet.
- Energy-efficient with a reliable 12V 7A adapter, complete with a 2-metre cable.
- Built with a solid aluminium housing in a sleek black powder-coated finish, ensuring efficient heat dissipation and exceptional durability.

- For large deployments, customisable colours and designs are available.

### Thinvent Thinux™ OS Advantage

- Powered by Thinvent® Thinux™ Embedded Linux for a secure and optimized environment.
- Access the web with pre-installed Chromium and Mozilla Firefox browsers.
- Benefit from advanced remote management with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Support for Java, Python, and glibc based applications.
- Productivity tools include LibreOffice and a PDF viewer.
- Enjoy multimedia with MPEG4 support and integrated SIP video/voice over IP.

### Reliability & Compact Form

- Certified with RoHS, ISO, and BIS for quality assurance.
- Designed for challenging environments with an operating temperature range of 0°C ~ 40°C and 20% ~ 80% RH, non-condensing humidity.
- Extremely compact (199.5mm x 181.5mm x 29.5mm) with VESA mount capability for flexible placement.



# Thinvent Treo Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 1024 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 | 3 |
| RS485 Option  | 1 |

### 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 | 1.49kg, 1.71kg             |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                                  |
| OS Features      | <p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p> |

## Ordering Information

## PRODUCT CODE

Treo-i3\_12-[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

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

+91-11-430-77467

 +91-99903-44251

## R&amp;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

