



# Thinvent Treo Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

No WiFi

Thinux Embedded Linux

SKU: TREO-I3\_13-8\_8-M128-12\_7-X-THINUX-0



Power Redefined, Precision Engineered: The Thinvent® Treo Mini PC.

Discover the Thinvent® Treo Mini PC, a testament to 100% Indian design and manufacturing excellence. This robust, ultra-compact powerhouse delivers exceptional performance and unwavering reliability, ready to tackle your most demanding tasks.

At its heart, an Intel® Core™ i3-1315U processor with 6 cores and clock speeds up to 4.5 GHz, backed by 10 MB cache, ensures blazing-fast responsiveness. Paired with 16GB DDR4 RAM and a swift 256GB SSD, the Treo Mini PC offers seamless multitasking and rapid data access, empowering your productivity.

### Robust Indian Engineering

Crafted from solid aluminium with a sleek, powder-coated black finish, the Treo Mini PC is built for durability and efficient heat dissipation. Its solid metal construction not only provides a premium feel but also guarantees long-term operational stability. For large-scale requirements, customisable colours and designs are available.

### Unleash Thinvent® Thinux™

**Experience the security, efficiency, and flexibility of Thinvent® Thinux™ Embedded Linux**

- Seamless web browsing with built-in Chromium and Mozilla Firefox.

- Comprehensive remote access including RDP 10 (with RemoteFX, H.264/AVC), Putty, SSH, VNC shadowing, and browser-based remote management for effortless control.
- Essential productivity tools like LibreOffice and a PDF viewer.
- Full multimedia playback with MPEG4 support, alongside integrated SIP video and voice over IP for modern communication.
- Ready for custom applications with Java, Python, and glibc based support.

### Connectivity & Deployment

Connect with ease through a rich array of ports, including HDMI, VGA, 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), and 1000 Mbps Ethernet. Audio needs are met with dedicated speaker out and mic in ports, both front and rear. Its ultra-compact 199.5mm × 181.5mm × 29.5mm dimensions and VESA mount capability ensure versatile deployment in any environment.

### Reliable Operation

Designed for continuous operation, the Treo Mini PC functions reliably from 0°C to 40°C. It is certified with RoHS, ISO, and BIS, guaranteeing quality and peace of mind. Power is supplied via a 12V 7A adapter, with a 2-metre cable for flexible setup.



# Thinvent Treo Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 128 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 | 1.42kg, 1.64kg             |

### 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\_13-[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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