



# Thinvent Treo Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM (2 x 32GB)

## 1TB SSD

## Dual Band WiFi

## DOS

SKU: TREO-I3\_12-32\_32-M1024-12\_5-M-DOS-0



Unleash Indian-engineered power in miniature.

The Thinvent® Treo Mini PC is a triumph of engineering, 100% designed and made in India. Experience unparalleled performance packed into a sleek, ultra-compact form factor. At its heart lies the Intel® Core™ i3-1215U processor, boasting 6 cores and bursting up to 4.4 GHz with a 10 MB cache, ensuring lightning-fast responsiveness for demanding tasks and seamless multitasking. Complementing this is a massive 64GB DDR4 RAM and a blazing-fast 1TB SSD, guaranteeing instant boot-ups and rapid data access.

Crafted from solid, black powder-coated aluminium, the Treo Mini PC isn't just visually striking; its robust metal build ensures superior heat dissipation for silent, stable operation and exceptional durability. With dimensions of just 199.5mm x 181.5mm x 29.5mm and VESA mount capability, it integrates discreetly into any workspace. For large-scale requirements, custom colours and designs are available.

### Comprehensive Connectivity

- Dual display support with 1 HDMI and 1 VGA
- Abundant USB ports: 2 USB 3.2, 2 USB 2.0 (rear), and 4 front USB 2.0 ports
- Flexible audio options: dedicated speaker out and mic in (front and rear accessibility)
- Gigabit Ethernet for robust wired networking
- Dual-band Wi-Fi 5 (802.11ac) for seamless wireless connectivity

This versatile mini PC runs FreeDOS, offering you the freedom to install your preferred operating system. Powered by a stable 12V 7A adapter and certified by RoHS, ISO, and BIS, the Thinvent® Treo Mini PC delivers reliable, high-performance computing built to excel in diverse environments, from 0°C to 40°C.



## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	1024 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	3
RS485 Option	1

### 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	1.39kg, 1.61kg

### ACCESSORIES

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VESA Mount	1
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### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE	
<b>Treo-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 22%;"> <p><b>4</b> = 4GB DDR4</p> <p><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)</p> </div> <div style="width: 22%;"> <p><b>8</b> = 8GB DDR4</p> <p><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)</p> </div> <div style="width: 22%;"> <p><b>16</b> = 16GB DDR4</p> <p><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)</p> </div> <div style="width: 22%;"> <p><b>32</b> = 32GB DDR4</p> </div> </div>
<b>SSD</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>m128</b> = 128GB</p> <p><b>m512</b> = 512GB</p> </div> <div style="width: 48%;"> <p><b>m256</b> = 256GB</p> <p><b>m1024</b> = 1TB</p> </div> </div>
<b>Wireless</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>m</b> = Dual Band WiFi</p> </div> <div style="width: 48%;"> <p><b>X</b> = No WiFi</p> </div> </div>
<b>OS</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>DOS</b> = DOS</p> <p><b>11V</b> = Windows 11 IoT Value</p> <p><b>Thinix</b> = Thinix™ Embedded Linux</p> </div> <div style="width: 48%;"> <p><b>W_OS</b> = Without OS</p> <p><b>11P</b> = Windows 11 Pro</p> <p><b>U</b> = Ubuntu Linux</p> </div> </div>
<b>Accessories</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>0</b> = None</p> <p><b>MK</b> = Mechanical Keyboard</p> </div> <div style="width: 48%;"> <p><b>KM</b> = Keyboard and Mouse set</p> <p><b>Mo</b> = Wired Optical Scroll Mouse</p> </div> </div>

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