



# Thinvent Treo Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: TREO-I3\_12-16-M1024-12\_5-M-U-0



Thinvent® Treo Mini PC: Unleash colossal power in a compact, proudly Indian package.

Experience uncompromised performance with the Thinvent® Treo Mini PC, 100% designed and made in India. Powered by an Intel® Core™ i3-1215U processor, this 6-core powerhouse delivers speeds up to 4.4 GHz with a 10 MB cache, ensuring seamless multitasking and rapid application execution. A massive 32GB DDR4 RAM handles demanding workloads effortlessly, complemented by a lightning-fast 1TB SSD for instant boot-ups and swift data access.

### Connectivity Features

- Dual display outputs (HDMI, VGA) for expanded workspaces.
- Eight USB ports (2x USB 3.2, 6x USB 2.0) for all your peripherals.
- Gigabit Ethernet for reliable wired networking.
- Dual-band Wi-Fi 5 (802.11ac) for high-speed wireless connectivity.

- Dedicated Speaker Out and Mic In ports, including convenient front access.

### Built for Reliability

Crafted from solid, powder-coated black aluminium, its robust metal build ensures efficient heat dissipation and superior durability, providing a sleek, smooth finish. The ultra-compact dimensions (199.5mm x 181.5mm x 29.5mm) and VESA mount capability allow for versatile, space-saving deployment. Pre-installed with Ubuntu Linux 24.04 LTS, it offers a secure and stable operating environment. Backed by RoHS, ISO, and BIS certifications, the Treo Mini PC is designed for continuous operation across a wide temperature range. For large requirements, customisable colours and design options are available.

### Power Specifications

- Versatile 100~275V AC power input with a 12V 7A adapter.
- 2-meter power cable for flexible setup.



## 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	16 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	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE				
<b>Treo-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>				
RAM	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
	<b>64</b> = 64GB DDR4			
SSD	<b>m128</b> = 128GB		<b>m256</b> = 256GB	
	<b>m32</b> = 32GB		<b>m512</b> = 512GB	
	<b>m1024</b> = 1TB			
Wireless	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
OS	<b>DOS</b> = DOS		<b>W_OS</b> = Without OS	
	<b>11V</b> = Windows 11 IoT Value		<b>11P</b> = Windows 11 Pro	
	<b>Thinux</b> = Thinux™ Embedded Linux		<b>U</b> = Ubuntu Linux	
Accessories	<b>0</b> = None		<b>KM</b> = Keyboard and Mouse set	
	<b>MK</b> = Mechanical Keyboard		<b>Mo</b> = Wired Optical Scroll Mouse	

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