



# Thinvent Treo Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: TREO-I3\_12-64-M1024-12\_5-M-11V-0



Unleash India's power in a compact, robust form.

Experience unparalleled performance with the Thinvent® Treo Mini PC, a powerhouse 100% designed and made in India. Engineered for demanding tasks, its Intel® Core™ i3-1215U processor boasts 6 cores and speeds up to 4.4 GHz, complemented by a massive 64GB DDR4 RAM for seamless multitasking and a lightning-fast 128GB SSD for rapid boot-ups and application loading.

### Built for Reliability

Crafted with a solid aluminium chassis, powder-coated in sleek black, the Treo Mini PC ensures efficient heat dissipation and exceptional durability. Its solid metal build and smooth finish speak to premium quality, designed to operate reliably from 0°C to 40°C. For large requirements, customisable colours and designs are available.

### Seamless Connectivity

Connect with ease through a comprehensive array of ports, including 1 HDMI, 1 VGA, multiple USB 3.2 and 2.0 ports (8 in total), Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac). Audio versatility is covered with speaker out and mic in options.

### Optimised for IoT

Running on Windows 11 IoT Enterprise LTSC 2024 Value, this mini PC is perfect for industrial, embedded, and commercial applications requiring long-term stability and security. Its ultra-compact dimensions (199.5mm x 181.5mm x 29.5mm) and VESA mount capability offer flexible deployment. Certified by RoHS, ISO, and BIS, the Thinvent® Treo Mini PC is the epitome of Indian engineering excellence.



## 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE				
Treo-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
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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