



# Thinvent Treo Mini PC

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 32GB DDR5 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: TREO-CU5\_14L-32\_5-M512-12\_5-M-11V-0



Engineered for Endurance, Born from Innovation.

Introducing the Thinvent® Treo Mini PC: a powerful, compact workhorse proudly designed and made in India. Built for demanding environments, its solid aluminium chassis in sleek black isn't just for looks—it actively dissipates heat to ensure unwavering reliability where it matters most.

### Why the Treo is Your Strategic Partner

- Uncompromising Reliability: The robust, all-metal construction and smooth finish are built to withstand the rigours of 24/7 operation in industrial, retail, and digital signage applications.
- Adaptable Power: Tackle complex tasks from interactive kiosks to automation control with seamless efficiency, thanks to its advanced Intel® Core™ Ultra architecture.

- Always Connected: Dual Gigabit LAN ports ensure critical network redundancy and rock-solid connectivity for your most important operations.
- Space-Saving Design: Its remarkably compact form factor and VESA-mount capability installs discreetly almost anywhere, freeing up valuable workspace.
- Ready for Business: Arrives pre-loaded with Windows 11 IoT, offering a familiar, secure, and stable platform for your specialised software right out of the box.

For larger deployments, we offer customisable colours and designs to seamlessly align with your corporate identity. Choose the Treo Mini PC—where robust Indian engineering meets relentless performance.



## Specifications

### PROCESSING

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Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

### DISPLAY

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HDMI 2.0	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	2
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2
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	1.42kg, 1.65kg

### 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			
<b>Treo-cu5_14L-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]</b>			
RAM	<b>8_5</b> = 8GB DDR5	<b>16_5</b> = 16GB DDR5	<b>32_5</b> = 32GB DDR5
SSD	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB		<b>m256</b> = 256GB <b>m512</b> = 512GB
Wireless	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi
OS	<b>DOS</b> = DOS <b>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None <b>MK</b> = Mechanical Keyboard		<b>KM</b> = Keyboard and Mouse set <b>Mo</b> = Wired Optical Scroll Mouse

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