

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

Ubuntu Linux



SKU: TREO-I3_12-32_32-M512-12_5-X-U-0

Thinvent® Treo Mini PC: Compact Power, Proudly Made in India.

Discover the Thinvent® Treo Mini PC, a powerful and reliable solution engineered entirely in India. This compact powerhouse is designed for efficiency and built to last, making it ideal for business, education, or embedded applications.

Unleash Productivity

Powered by an Intel® Core™ i3-1215U processor with 6 cores and a boost frequency up to 4.4 GHz, the Treo Mini PC delivers swift performance for everyday tasks and multitasking.

- Cores: 6
- Max Frequency: 4.4 GHz
- Cache: 10 MB
- Main Memory: 4GB DDR4 RAM
- SSD Storage: 128GB for rapid boot-ups and responsive computing.

Robust Design and Versatility

Its solid aluminium housing, finished in sleek black with a powder coating, ensures efficient heat dissipation and exceptional durability. This rugged metal build offers a smooth, premium feel and is designed for longevity.

- Dimensions: 199.5mm × 181.5mm × 29.5mm
- Housing Material: Aluminium
- Housing Finish: Powder Coated
- Housing Colour: Black
- VESA Mount: 1, for flexible mounting options.

Seamless Connectivity and Ubuntu Power

Stay connected with a comprehensive array of ports, including multiple USB options and dual display outputs. Enjoy stable, high-speed networking with built-in Gigabit Ethernet, perfect for secure and reliable environments where wired connections are preferred. The Treo Mini PC comes pre-loaded with Ubuntu Linux 24.04 LTS, offering a secure, open-source, and efficient operating experience.

- HDMI: 1
- VGA: 1
- Speaker Out: 1
- Mic In: 1
- Front Speaker Out: 1
- Front Mic In: 1
- USB 3.2: 2
- USB 2.0: 2
- Front USB 2.0: 4
- Ethernet: 1000 Mbps
- Operating System: Ubuntu Linux 24.04 LTS

Uniquely Indian

Proudly 100% designed and made in India, the Treo Mini PC meets stringent quality standards.

- Certifications: RoHS, ISO, BIS.

For large requirements, customisable colours and designs are available to perfectly match your specific needs.

Power Specifications

- 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

Operating Environment

- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing



Specifications

PROCESSING

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	512 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	3
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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POWER

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

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	1.39kg, 1.61kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE	
Treo-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	<div style="display: flex; justify-content: space-between;"> <div style="width: 22%;"> <p>4 = 4GB DDR4</p> <p>32_32 = 64GB DDR4 RAM (2 x 32GB)</p> </div> <div style="width: 22%;"> <p>8 = 8GB DDR4</p> <p>16_16 = 32GB DDR4 RAM (2 x 16GB)</p> </div> <div style="width: 22%;"> <p>16 = 16GB DDR4</p> <p>8_8 = 16GB DDR4 RAM (2 x 8GB)</p> </div> <div style="width: 22%;"> <p>32 = 32GB DDR4</p> </div> </div>
SSD	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>m128 = 128GB</p> <p>m512 = 512GB</p> </div> <div style="width: 45%;"> <p>m256 = 256GB</p> <p>m1024 = 1TB</p> </div> </div>
Wireless	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>m = Dual Band WiFi</p> </div> <div style="width: 45%;"> <p>X = No WiFi</p> </div> </div>
OS	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>DOS = DOS</p> <p>11V = Windows 11 IoT Value</p> <p>Thinix = Thinix™ Embedded Linux</p> </div> <div style="width: 45%;"> <p>W_OS = Without OS</p> <p>11P = Windows 11 Pro</p> <p>U = Ubuntu Linux</p> </div> </div>
Accessories	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>0 = None</p> <p>MK = Mechanical Keyboard</p> </div> <div style="width: 45%;"> <p>KM = Keyboard and Mouse set</p> <p>Mo = Wired Optical Scroll Mouse</p> </div> </div>

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