

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

Windows 11 IoT Value



SKU: TREO-I3\_12-32\_32-M1024-12\_7-X-11V-0

Precision Engineered, Powerfully Compact: The Treo Mini PC by Thinvent.

Experience superior performance and unwavering reliability with the Thinvent® Treo Mini PC, a testament to 100% designed and made in India excellence. Crafted for demanding environments, this compact powerhouse delivers uncompromising speed and stability within a sleek, robust design.

### Unleash Next-Gen Performance

- Powered by the Intel® Core™ i3-1215U processor (6 cores, up to 4.4 GHz, 10 MB cache), paired with a massive 64GB DDR4 RAM and lightning-fast 512GB SSD for rapid multitasking and instant data access.

### Robust Connectivity and Display

- Features 2x USB 3.2, 6x USB 2.0 (4 front), dual display outputs (HDMI, VGA), and Gigabit Ethernet for secure, reliable wired networking. Audio includes speaker out, mic in, and convenient front-panel jacks. Note: No WiFi for enhanced security.

### Built for Enduring Reliability

- Encased in a solid, powder-coated black Aluminium housing for efficient heat dissipation and exceptional durability, reflecting its premium metal build and smooth finish.
- Compact (199.5mm × 181.5mm × 29.5mm) with VESA mount, offering flexible deployment.
- Operates reliably from 0°C to 40°C, powered by a stable 12V 7A adapter with a 2-meter cable.
- Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, ensuring long-term support and dedicated functionality.
- Certified with RoHS, ISO, and BIS standards for assured quality.

### Scalable and Customizable

- For large requirements, customisable colours and design options are available to perfectly match your specific operational needs.



## 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
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### POWER

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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

### 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	1.49kg, 1.71kg

### 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-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: 45%;"> <p><b>m128</b> = 128GB</p> <p><b>m512</b> = 512GB</p> </div> <div style="width: 45%;"> <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: 45%;"> <p><b>m</b> = Dual Band WiFi</p> </div> <div style="width: 45%;"> <p><b>X</b> = No WiFi</p> </div> </div>
<b>OS</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <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: 45%;"> <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: 45%;"> <p><b>0</b> = None</p> <p><b>MK</b> = Mechanical Keyboard</p> </div> <div style="width: 45%;"> <p><b>KM</b> = Keyboard and Mouse set</p> <p><b>Mo</b> = Wired Optical Scroll Mouse</p> </div> </div>

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