

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 8GB DDR4 RAM

## 256GB SSD

## No WiFi

## Thinix Embedded Linux



SKU: TREO-I3\_12-8-M256-12\_5-X-THINUX-0

## Unleash Mighty Performance in a Mini Footprint, Crafted in India

Experience the Thinvent® Treo Mini PC, a powerhouse designed for efficiency and reliability. 100% designed and made in India, this compact device delivers robust performance for your most demanding applications.

### Superior Performance

- Driven by an Intel® Core™ i3-1215U processor (6 cores, up to 4.4 GHz, 10 MB cache), ensuring lightning-fast responsiveness.
- Multitask effortlessly with a massive 32GB DDR4 RAM.
- Enjoy rapid boot times and quick application loading from a 512GB SSD.

### Robust Connectivity & Design

- Connect to multiple displays via HDMI and VGA ports.
- Versatile USB options include 2x USB 3.2, 2x USB 2.0, and 4x front USB 2.0 for all your peripherals.
- Secure and stable network access with 1000 Mbps Ethernet.
- Energy-efficient with a reliable 12V 7A adapter, complete with a 2-metre cable.
- Built with a solid aluminium housing in a sleek black powder-coated finish, ensuring efficient heat dissipation and exceptional durability.

- For large deployments, customisable colours and designs are available.

### Thinvent Thinix™ OS Advantage

- Powered by Thinvent® Thinix™ Embedded Linux for a secure and optimized environment.
- Access the web with pre-installed Chromium and Mozilla Firefox browsers.
- Benefit from advanced remote management with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Support for Java, Python, and glibc based applications.
- Productivity tools include LibreOffice and a PDF viewer.
- Enjoy multimedia with MPEG4 support and integrated SIP video/voice over IP.

### Reliability & Compact Form

- Certified with RoHS, ISO, and BIS for quality assurance.
- Designed for challenging environments with an operating temperature range of 0°C ~ 40°C and 20% ~ 80% RH, non-condensing humidity.
- Extremely compact (199.5mm x 181.5mm x 29.5mm) with VESA mount capability for flexible placement.



## 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	8 GB
SSD Storage	256 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	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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## Ordering Information

PRODUCT CODE	
<b>Treo-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<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
<b>SSD</b>	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB
<b>Wireless</b>	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
<b>OS</b>	<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
<b>Accessories</b>	<b>0</b> = None <b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

