



Thinvent Treo Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Thinux Embedded Linux

SKU: TREO-I3_13-16_16-M512-12_7-X-THINUX-0



Power Redefined, Precision Engineered: The Thinvent® Treo Mini PC.

Discover the Thinvent® Treo Mini PC, a testament to 100% Indian design and manufacturing excellence. This robust, ultra-compact powerhouse delivers exceptional performance and unwavering reliability, ready to tackle your most demanding tasks.

At its heart, an Intel® Core™ i3-1315U processor with 6 cores and clock speeds up to 4.5 GHz, backed by 10 MB cache, ensures blazing-fast responsiveness. Paired with 16GB DDR4 RAM and a swift 256GB SSD, the Treo Mini PC offers seamless multitasking and rapid data access, empowering your productivity.

Robust Indian Engineering

Crafted from solid aluminium with a sleek, powder-coated black finish, the Treo Mini PC is built for durability and efficient heat dissipation. Its solid metal construction not only provides a premium feel but also guarantees long-term operational stability. For large-scale requirements, customisable colours and designs are available.

Unleash Thinvent® Thinux™

Experience the security, efficiency, and flexibility of Thinvent® Thinux™ Embedded Linux

- Seamless web browsing with built-in Chromium and Mozilla Firefox.

- Comprehensive remote access including RDP 10 (with RemoteFX, H.264/AVC), Putty, SSH, VNC shadowing, and browser-based remote management for effortless control.
- Essential productivity tools like LibreOffice and a PDF viewer.
- Full multimedia playback with MPEG4 support, alongside integrated SIP video and voice over IP for modern communication.
- Ready for custom applications with Java, Python, and glibc based support.

Connectivity & Deployment

Connect with ease through a rich array of ports, including HDMI, VGA, 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), and 1000 Mbps Ethernet. Audio needs are met with dedicated speaker out and mic in ports, both front and rear. Its ultra-compact 199.5mm x 181.5mm x 29.5mm dimensions and VESA mount capability ensure versatile deployment in any environment.

Reliable Operation

Designed for continuous operation, the Treo Mini PC functions reliably from 0°C to 40°C. It is certified with RoHS, ISO, and BIS, guaranteeing quality and peace of mind. Power is supplied via a 12V 7A adapter, with a 2-metre cable for flexible setup.



Thinvent Treo Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 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	4

NETWORKING

Ethernet	1000 Mbps
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POWER

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

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	1.42kg, 1.64kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

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

Treo-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m256 = 256GB

m512 = 512GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

W_OS = Without OS

11V = Windows 11 IoT Value

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

U = Ubuntu Linux

Accessories

0 = None

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

Mo = Wired Optical Scroll Mouse

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