



Thinvent Treo Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: TREO-I3_12-16-M1024-12_5-M-THINUX-0



Unleash Mighty Performance in a Mini Footprint.

Experience the Thinvent® Treo Mini PC: a powerhouse of efficiency and innovation, 100% designed and made in India. Engineered for robust performance and reliability, this compact device features an Intel® Core™ i3-1215U processor with 6 cores, clocking up to 4.4 GHz, backed by 16GB DDR4 RAM and a swift 256GB SSD. It's built for demanding tasks, ensuring smooth multitasking and rapid data access.

Premium Build and Design

The Treo Mini PC boasts a solid aluminium housing with a sleek, powder-coated black finish. This not only provides a premium aesthetic but also ensures efficient heat dissipation for stable, long-term operation. Its solid metal build promises exceptional durability. For large requirements, customisable colours and design options are available to fit your specific needs.

Seamless Connectivity

Discover unparalleled versatility with extensive port options

- Display: HDMI and VGA for dual monitor setups
- USB: Two USB 3.2, two USB 2.0, and four front USB 2.0 ports for comprehensive peripheral support
- Network: Blazing fast 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable wired and wireless connections

Thinvent Thinux™ OS Advantage

Powered by Thinvent® Thinux™ Embedded Linux, this system offers a secure, stable, and efficient computing environment. It comes ready with essential applications including Chromium and Mozilla Firefox browsers, LibreOffice, and a PDF viewer. Advanced remote management features like RDP 10, VNC shadowing, Putty, and SSH provide seamless control, while multimedia support and SIP video/voice over IP enhance collaboration. Compliant with RoHS, ISO, and BIS standards, the Treo Mini PC delivers reliable, high-performance computing in a remarkably small 199.5mm x 181.5mm x 29.5mm form factor, easily mountable with VESA.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	1024 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	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_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB 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 Thinux = Thinux™ 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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