



Thinvent Treo Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: TREO-I3_12L-16-M2048-12_7-M-THINUX-0



Compact power, built to endure: The Thinvent® Treo Mini PC.

Where big performance meets a tiny footprint: The Treo is your robust and reliable digital workhorse for demanding environments. This all-in-one computing solution is 100% designed and made in India, featuring a solid aluminium chassis for superior durability and efficient, silent operation.

Engineered for reliability and seamless integration

- Unlock new possibilities in digital signage, interactive kiosks, and industrial control with a fanless, rugged design that thrives in continuous operation.
- Connect with confidence using dual Gigabit LAN ports and dual-band Wi-Fi, ensuring your critical applications stay online and responsive.

- Simplify deployment and management with the pre-installed, stable Thinux™ platform, offering essential tools for remote access, office tasks, and custom application support.
- Enjoy the pride of a premium, solid metal build with a smooth finish, engineered for efficient heat dissipation and a professional aesthetic.

Made for your vision: We offer customisable colours and designs for large requirements, allowing you to tailor the Treo to your brand and environment perfectly. Choose the robust, versatile mini PC that works as hard as you do.



Thinvent Treo Mini PC



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	2048 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
Front USB 2.0	3
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.49kg, 1.71kg

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_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB		m256 = 256GB m1024 = 1TB	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux		W_OS = Without OS 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux	
Accessories	0 = None MK = Mechanical Keyboard		KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse	

www.thinvent.insales@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

