



Thinvent Treo Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: TREO-I3_12-32_32-M512-12_5-M-U-0



Thinvent® Treo Mini PC: Unleash colossal power in a compact, proudly Indian package.

Experience uncompromised performance with the Thinvent® Treo Mini PC, 100% designed and made in India. Powered by an Intel® Core™ i3-1215U processor, this 6-core powerhouse delivers speeds up to 4.4 GHz with a 10 MB cache, ensuring seamless multitasking and rapid application execution. A massive 32GB DDR4 RAM handles demanding workloads effortlessly, complemented by a lightning-fast 1TB SSD for instant boot-ups and swift data access.

Connectivity Features

- Dual display outputs (HDMI, VGA) for expanded workspaces.
- Eight USB ports (2x USB 3.2, 6x USB 2.0) for all your peripherals.
- Gigabit Ethernet for reliable wired networking.
- Dual-band Wi-Fi 5 (802.11ac) for high-speed wireless connectivity.

- Dedicated Speaker Out and Mic In ports, including convenient front access.

Built for Reliability

Crafted from solid, powder-coated black aluminium, its robust metal build ensures efficient heat dissipation and superior durability, providing a sleek, smooth finish. The ultra-compact dimensions (199.5mm x 181.5mm x 29.5mm) and VESA mount capability allow for versatile, space-saving deployment. Pre-installed with Ubuntu Linux 24.04 LTS, it offers a secure and stable operating environment. Backed by RoHS, ISO, and BIS certifications, the Treo Mini PC is designed for continuous operation across a wide temperature range. For large requirements, customisable colours and design options are available.

Power Specifications

- Versatile 100~275V AC power input with a 12V 7A adapter.
- 2-meter power cable for flexible setup.



Specifications

PROCESSING

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	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	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	Ubuntu Linux 24.04 LTS
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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 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 m512 = 512GB m256 = 256GB m1024 = 1TB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None MK = Mechanical Keyboard KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse

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