



Thinvent Treo Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

Windows 11 IoT Value



SKU: TREO-I3_12L-32_32-M512-12_5-X-11V-0

Engineered in India, Built for Industry: The Treo Mini PC.

Your Compact Powerhouse for Demanding Environments

Harness the robust performance of a 12th Gen Intel processor in a remarkably small, all-metal chassis. Designed and manufactured entirely in India, the Treo Mini PC delivers dependable computing power where you need it most.

Why the Treo Mini PC is the Smart Choice

- Experience quiet, efficient operation thanks to its solid aluminium construction, which acts as a natural heat sink for sustained performance.
- Rely on steadfast connectivity with its dual LAN ports, perfect for network-critical applications or creating a secure, isolated system.
- Deploy with absolute confidence in harsh conditions, benefiting from a rugged, powder-coated metal build that stands up to dust, vibration, and round-the-clock use.

- Enjoy ultimate flexibility with versatile mounting options, including VESA, to seamlessly integrate behind monitors or in tight control panels.
- Streamline your operations with the lean and secure Windows 11 IoT platform, pre-installed and ready for dedicated industrial software.

Ideal for a multitude of professional applications, this mini PC excels as a digital signage controller, a thin client, an industrial automation hub, or a dedicated point-of-sale terminal. For larger projects, we even offer custom colour and design options to match your brand or facility aesthetic. Choose the Treo Mini PC—where rugged Indian engineering meets intelligent, adaptable performance.



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
Front USB 2.0	3
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE	
Treo-i3_12l-[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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