



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

Windows 11 IoT Value

SKU: TREO-I3_12-32_32-M512-12_7-M-11V-0



Unleash India's power in a compact, robust form.

Experience unparalleled performance with the Thinvent® Treo Mini PC, a powerhouse 100% designed and made in India. Engineered for demanding tasks, its Intel® Core™ i3-1215U processor boasts 6 cores and speeds up to 4.4 GHz, complemented by a massive 64GB DDR4 RAM for seamless multitasking and a lightning-fast 128GB SSD for rapid boot-ups and application loading.

Built for Reliability

Crafted with a solid aluminium chassis, powder-coated in sleek black, the Treo Mini PC ensures efficient heat dissipation and exceptional durability. Its solid metal build and smooth finish speak to premium quality, designed to operate reliably from 0°C to 40°C. For large requirements, customisable colours and designs are available.

Seamless Connectivity

Connect with ease through a comprehensive array of ports, including 1 HDMI, 1 VGA, multiple USB 3.2 and 2.0 ports (8 in total), Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac). Audio versatility is covered with speaker out and mic in options.

Optimised for IoT

Running on Windows 11 IoT Enterprise LTSC 2024 Value, this mini PC is perfect for industrial, embedded, and commercial applications requiring long-term stability and security. Its ultra-compact dimensions (199.5mm x 181.5mm x 29.5mm) and VESA mount capability offer flexible deployment. Certified by RoHS, ISO, and BIS, the Thinvent® Treo Mini PC is the epitome of Indian engineering excellence.



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	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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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