

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 IoT Value



SKU: TREO-I3_12-4-M256-12_5-X-11V-0

Precision Engineered, Powerfully Compact: The Treo Mini PC by Thinvent.

Experience superior performance and unwavering reliability with the Thinvent® Treo Mini PC, a testament to 100% designed and made in India excellence. Crafted for demanding environments, this compact powerhouse delivers uncompromising speed and stability within a sleek, robust design.

Unleash Next-Gen Performance

- Powered by the Intel® Core™ i3-1215U processor (6 cores, up to 4.4 GHz, 10 MB cache), paired with a massive 64GB DDR4 RAM and lightning-fast 512GB SSD for rapid multitasking and instant data access.

Robust Connectivity and Display

- Features 2x USB 3.2, 6x USB 2.0 (4 front), dual display outputs (HDMI, VGA), and Gigabit Ethernet for secure, reliable wired networking. Audio includes speaker out, mic in, and convenient front-panel jacks. Note: No WiFi for enhanced security.

Built for Enduring Reliability

- Encased in a solid, powder-coated black Aluminium housing for efficient heat dissipation and exceptional durability, reflecting its premium metal build and smooth finish.
- Compact (199.5mm × 181.5mm × 29.5mm) with VESA mount, offering flexible deployment.
- Operates reliably from 0°C to 40°C, powered by a stable 12V 7A adapter with a 2-meter cable.
- Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, ensuring long-term support and dedicated functionality.
- Certified with RoHS, ISO, and BIS standards for assured quality.

Scalable and Customizable

- For large requirements, customisable colours and design options are available to perfectly match your specific operational needs.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	4 GB
SSD Storage	256 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
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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_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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