



Thinvent Treo Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: TREO-I5_12-16_16-M1024-12_7-X-11V-0



Unleash uncompromising performance, engineered for excellence in India.

Discover the Thinvent® Treo Mini PC: a powerhouse of efficiency and reliability, meticulously designed and 100% made in India. Experience superior computing in a compact form factor, built to excel in demanding environments.

Core Performance

- Powered by the formidable Intel® Core™ i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz with a 12 MB cache, the Treo Mini PC delivers exceptional performance for multitasking and intensive applications.
- With 8GB DDR4 RAM and a lightning-fast 512GB SSD, enjoy seamless operation, rapid boot times, and ample storage for all your critical data.

Robust Design and Connectivity

- Housed in solid, powder-coated black aluminium, its design ensures efficient heat dissipation, providing silent operation and an incredibly durable, smooth finish.
- At just 199.5mm × 181.5mm × 29.5mm, this VESA-mountable device saves valuable space.
- Connectivity is comprehensive with:
 - 1 HDMI and 1 VGA port for versatile display options.

- Dedicated front and rear audio jacks (Speaker Out, Mic In).

- 2 high-speed USB 3.2 ports, 2 USB 2.0 ports, and 4 additional front USB 2.0 ports for extensive peripheral support.

- A robust 1000 Mbps Ethernet connection ensures secure, high-speed wired networking, making it ideal for environments where WiFi is not desired for heightened security or reliability.

Operating System and Security

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, this Mini PC offers a stable, secure, and long-term supported platform perfect for embedded and industrial applications.

Uniquely Indian, Globally Certified

- Proudly designed and made in India, the Treo Mini PC meets international standards, holding RoHS, ISO, and BIS certifications.
- For enterprises with specific branding or design needs, customisation options are available for bulk orders.
- With a wide power input (100~275 Volts AC) and a 12V 7A adapter, it's ready for diverse power grids, operating reliably between 0°C ~ 40°C.



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Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	1024 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	4

NETWORKING

Ethernet	1000 Mbps
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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	1.52kg, 1.74kg

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-i5_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	m256 = 256GB		
	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		
	Thinix = Thinix™ 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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