

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 IoT Value



SKU: TREO-I5_12-4-M256-12_5-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.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 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	4

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	1.42kg, 1.65kg

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 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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