

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Thinux Embedded Linux



SKU: TREO-I5_12-64-M512-12_5-X-THINUX-0

Unleash Uncompromised Performance with the Thinvent® Treo Mini PC

Experience the pinnacle of compact computing, engineered and manufactured with pride in India. The Thinvent® Treo Mini PC redefines efficiency with its robust Intel® Core™ i5-1250P processor, boasting 12 cores and a blazing 4.4 GHz max frequency for seamless multitasking and demanding applications. With a massive 64GB of DDR4 RAM and a lightning-fast 512GB SSD, boot times and application loading are virtually eliminated.

Key Performance Features

- Intel® Core™ i5-1250P processor
- 12 Cores
- Up to 4.4 GHz Max Frequency
- 12 MB Cache
- 64GB DDR4 RAM
- 512GB SSD Storage

Connectivity and Versatility

Designed for diverse environments, the Treo Mini PC offers a comprehensive suite of ports including HDMI, VGA, multiple USB 3.2 and USB 2.0 options, and a robust 1000 Mbps Ethernet connection. Built with a premium black powder-coated aluminium housing, it ensures superior heat dissipation and a sleek, professional aesthetic. This solid metal build, with its smooth finish, is not only durable but also contributes to efficient thermal management.

Included Peripherals and Power

- 1x HDMI
- 1x VGA
- 1x Speaker Out
- 1x Mic In
- 1x Front Speaker Out
- 1x Front Mic In
- 2x USB 3.2
- 2x USB 2.0

- 4x Front USB 2.0
- 1x 1000 Mbps Ethernet
- 12V 7A Adapter (100~275 Volts AC input)
- 2 Metre Cable Length

Embedded Intelligence with Thinux™

The Treo Mini PC comes pre-loaded with Thinux™ Embedded Linux, a powerful and secure operating system optimized for embedded solutions. This environment is packed with essential tools for productivity and remote access.

- OS Features:
- Chromium and Mozilla Firefox browsers for web-based tasks.
- RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for secure remote display capabilities.
- Browser-based remote management for simplified control.
- VNC shadowing for efficient support.
- Java, Python, and glibc for custom location applications.
- LibreOffice and PDF viewer for document management.
- Multimedia player with MPEG4 support for media playback.
- SIP for integrated video and voice over IP communication.

Designed for Reliability and Customization

Operating within 0°C ~ 40°C and 20% ~ 80% RH humidity, and certified by RoHS, ISO, and BIS, this Mini PC is built to last. Its compact dimensions (199.5mm × 181.5mm × 29.5mm) and VESA mount compatibility allow for flexible deployment. For larger requirements, customisable colours and designs are available, reflecting our commitment to meeting your specific needs.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 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	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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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