



Thinvent Treo Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

256GB SSD

No WiFi

Thinix Embedded Linux



SKU: TREO-I5_14-64-M256-12_5-X-THINUX-0

Unleash Power in a Pocket-Sized Package.

Experience unparalleled performance and reliability with the Thinvent® Treo Mini PC, a powerhouse meticulously 100% designed and made in India. Engineered for demanding environments, this compact marvel redefines efficiency.

Core Performance

- Driven by an Intel® Core™ 5 120U processor with 10 cores, clocking up to 5.0 GHz and a 12 MB cache, it delivers blistering speed for all your critical applications.
- Seamlessly multitask with 4GB DDR4 RAM and enjoy rapid boot times and extensive storage on a 512GB SSD.

Robust Design & Build

- Its solid Aluminium housing, finished in sleek powder-coated black, ensures superior heat dissipation and fanless, silent operation.
- This solid metal build offers exceptional durability and a smooth, premium finish, making it ideal for continuous industrial or commercial use.
- Mount it discreetly with the included VESA mount. For large requirements, customisable colours and design options are available.

Seamless Connectivity

- Connect multiple displays with 2 HDMI and 1 VGA port.

- Access a wide array of peripherals via 2 USB 3.0, 6 USB 2.0 ports (4 front, 2 rear).
- Enjoy stable, gigabit-speed networking with 1000 Mbps Ethernet.

Optimized Operating System

- Pre-installed with Thinvent® Thinix™ Embedded Linux, a secure and efficient OS tailored for thin client, kiosk, and embedded applications.
- Features include:
 - Chromium and Mozilla Firefox browsers.
 - Robust remote access with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
 - Browser-based remote management.
 - Essential productivity with LibreOffice and a PDF viewer.
 - Multimedia playback and SIP video/voice over IP.
 - Supports Java, Python, and glibc-based applications.

Certified for Quality

- Compliant with RoHS, ISO, and BIS standards, assuring reliability and environmental responsibility.
- Operates flawlessly across a 0°C to 40°C temperature range.

The Thinvent® Treo Mini PC is not just a computer; it's a versatile, high-performance solution crafted for the future.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	256 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2
Front USB 2.0	3

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	1.03kg, 1.25kg

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_14-[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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