

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 IoT Value



SKU: TREO-I5_14-4-M512-12_5-X-11V-0

Unleash Indian Ingenuity: The Thinvent® Treo Mini PC.

Experience unparalleled performance and reliability with the Thinvent® Treo Mini PC, a testament to 100% Indian design and manufacturing. Engineered for demanding environments, this compact powerhouse delivers exceptional processing speed thanks to its Intel® Core™ 5 120U processor. Its robust aluminium housing, finished in a sleek black powder coat, not only exudes premium quality but also ensures efficient heat dissipation for sustained peak performance.

Key Performance Pillars

- Intel® Core™ 5 120U Processor: 10 cores, reaching up to 5.0 GHz with 12 MB cache for lightning-fast multitasking and application responsiveness.
- Massive 32GB DDR4 RAM: Effortlessly handle complex workloads and large datasets.
- Speedy 512GB SSD Storage: Enjoy rapid boot times and quick file access.

Connectivity & Versatility

- Dual HDMI and one VGA port: Connect multiple displays for expanded productivity.
- Comprehensive Port Selection: Including USB 3.0, USB 2.0 (front and rear), Mic In, Speaker Out, and Front Speaker Out/Mic In for all your peripheral needs.

- High-Speed Ethernet: 1000 Mbps for reliable network connectivity.
- Integrated VESA Mount: For flexible, space-saving installation.

Built for the Long Haul

- Durable Aluminium Construction: Designed for longevity and efficient cooling.
- Robust Power Management: 12V 7A adapter with wide AC input compatibility.
- Reliable Operation: Functions optimally within a 0°C to 40°C operating temperature range.
- Microsoft Windows 11 IoT Enterprise LTSC 2024 Value: A secure and stable operating system designed for embedded and industrial applications.

Customization Options

- Large requirements can benefit from customisable colours and designs, tailored to your unique specifications.

Certifications & Standards

- RoHS, ISO, BIS compliant.

Compact and Powerful

- Dimensions: 199.5mm × 181.5mm × 29.5mm.
- Experience the future of mini PCs, proudly made in India.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	512 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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