

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM

1TB SSD

No WiFi

DOS



SKU: TREO-CU5_14L-32_5-M1024-12_5-X-DOS-0

Big Power, Compact Footprint: The Industrial Mini PC, Proudly Built in India.

Engineered for Reliability

Experience unwavering performance in demanding industrial environments. The Thinvent® Treo Mini PC is 100% designed and made in India, featuring a solid aluminium chassis for superior durability and efficient heat dissipation. Its robust metal build and smooth finish ensure it stands up to the rigours of continuous operation.

Built for Your Demanding Applications

This compact powerhouse is engineered to drive your critical operations smoothly and efficiently. Its potent processing capability handles complex tasks with ease, making it the ideal core for a multitude of industrial scenarios.

- Perfect for digital signage, kiosks, and interactive displays in retail or public spaces.

- Reliably control automation systems and production line machinery.
- Serve as a dedicated node for network monitoring, data acquisition, or thin client setups.
- A steadfast solution for surveillance systems and security operations centres.

Why Choose the Treo Mini PC?

Beyond its robust performance, the Treo offers exceptional versatility. The dual Ethernet ports provide reliable, high-speed network connectivity essential for industrial communication. Its compact VESA-mountable design saves crucial space, while the option for customisable colours and designs on large orders allows it to integrate seamlessly into your specific application and branding. Choose the locally engineered, industrial-grade computing solution that combines power, reliability, and tailored flexibility.



Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	1024 GB

DISPLAY

HDMI 2.0	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	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	FreeDOS
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Ordering Information

PRODUCT CODE			
Treo-cu5_14L-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]			
RAM	8_5 = 8GB DDR5	16_5 = 16GB DDR5	32_5 = 32GB DDR5
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB		m256 = 256GB m512 = 512GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux		W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None MK = Mechanical Keyboard		KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse

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