



Thinvent Treo Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM (2 x 16GB)

1TB SSD

No WiFi

Windows 11 IoT Value



SKU: TREO-CU5_14L-16_5_16_5-M1024-12_5-X-11V-0

Power Your Vision with Precision Performance. Introducing the Thinvent® Treo Mini PC, engineered to deliver robust and reliable computing for demanding industrial environments. This isn't just a computer; it's the dependable core of your digital operations, 100% designed and made in India.

Engineered for Endurance

Forged from solid aluminium with a sleek black finish, the Treo dissipates heat efficiently for unwavering stability in continuous operation. Its robust, all-metal build and smooth powder-coated housing are built to withstand the rigours of the factory floor or control room.

Unmatched Versatility for Industry

With dual Gigabit Ethernet ports, it's primed for complex network setups, machine connectivity, and data-intensive tasks. The compact, VESA-mountable design tucks neatly behind displays or under desks, saving crucial space without sacrificing power.

Made for Your Mission

Running Windows 11 IoT, it provides a secure, manageable, and long-term platform for your specialised applications. From digital signage and kiosks to automation controllers and thin clients, the Treo delivers steadfast performance where it counts.

A Partnership in Production

Have a large-scale requirement? We offer customisable colours and designs to seamlessly integrate with your brand and environment, making the Treo truly your own.

Choose the Treo Mini PC—where rugged Indian engineering meets intelligent, adaptable computing.



Thinvent Treo Mini PC



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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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	32_5_32_5 = 64GB DDR5 RAM (2 x 32GB)
	16_5_16_5 = 32GB DDR5 RAM (2 x 16GB)			
SSD	m128 = 128GB	m256 = 256GB		
	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		
	Thinix = Thinix™ 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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