



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)

512GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: TREO-CU5_14L-16_5_16_5-M512-12_5-M-11V-0



Engineered for Endurance, Born from Innovation.

Introducing the Thinvent® Treo Mini PC: a powerful, compact workhorse proudly designed and made in India. Built for demanding environments, its solid aluminium chassis in sleek black isn't just for looks—it actively dissipates heat to ensure unwavering reliability where it matters most.

Why the Treo is Your Strategic Partner

- Uncompromising Reliability: The robust, all-metal construction and smooth finish are built to withstand the rigours of 24/7 operation in industrial, retail, and digital signage applications.
- Adaptable Power: Tackle complex tasks from interactive kiosks to automation control with seamless efficiency, thanks to its advanced Intel® Core™ Ultra architecture.

- Always Connected: Dual Gigabit LAN ports ensure critical network redundancy and rock-solid connectivity for your most important operations.
- Space-Saving Design: Its remarkably compact form factor and VESA-mount capability installs discreetly almost anywhere, freeing up valuable workspace.
- Ready for Business: Arrives pre-loaded with Windows 11 IoT, offering a familiar, secure, and stable platform for your specialised software right out of the box.

For larger deployments, we offer customisable colours and designs to seamlessly align with your corporate identity. Choose the Treo Mini PC—where robust Indian engineering meets relentless performance.



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	512 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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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