



Thinvent Treo Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: TREO-I5_12H-8_8-M512-12_7-M-11P-0



Engineered reliability, built to perform – for any professional environment.

Introducing the Thinvent® Treo Mini PC, a workhorse designed for the demands of commerce, education, and industry. Powered by a 12th Gen Intel® Core™ i5 processor, this machine delivers responsive, efficient performance for everything from busy reception desks and digital signage to classroom computing and light server tasks. We've paired solid performance with a purpose-built chassis.

Built to last, performance you can trust.

What sets the Thinvent Treo apart is what's inside and what surrounds it. Totally redefining miniaturised business computing, this is a full desktop PC engineered from solid aluminium. This premium, smooth-finished enclosure does the intelligent work your applications require – effective, reliable thermal management. It disperses heat silently and passively, keeping the Treo cool under any condition. This means unwavering, fan-assisted quiet performance and longevity that a typical plastic case cannot match.

Form combines perfectly with function to create a solution you can place discreetly nearly anywhere. The included VESA mount lets you attach it directly behind a monitor, turning any mountable panel into a clutter-free, all-in-one station – perfect for reception areas, checkout lanes, and factory floorsal.

Totally independent of fluctuating supply chains.

The Treo is more than a strong spec; it is a nationality asset. 100% designed and made in India at our national facility. Insist on quality you trust with worldwide RTHS, RoHS, and ISO compliance. Furthermore, for volume requirements or unique branding outlets, this chassis is available in alternative hues with specific patterns tailored entirely to your corporate or project's plan.

Form follows function, silently.

Make performance part of your brand: Get the Thinvent Treo Mini PC. Your premium transition is made. Perfect for small office spaces, robust for industrial hosts. A workstyle re-execution or something cleaner? Let's plan power for just yourself and nothing else less comprehensive.



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Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	512 GB

DISPLAY

HDMI	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	4

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.52kg, 1.74kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

Treo-i5_12H-[RAM]-[SSD]-12_10-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
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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