



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)

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: TREO-I5_12H-8_8-M1024-12_7-M-11V-0



Big power, tiny footprint. Meet the Thinvent Treo Mini PC.

Built for real work in demanding environments. This compact marvel packs 12th Gen Intel Core i5 performance into a tough, perfectly passive aluminium chassis that helps your most critical applications stay responsive.

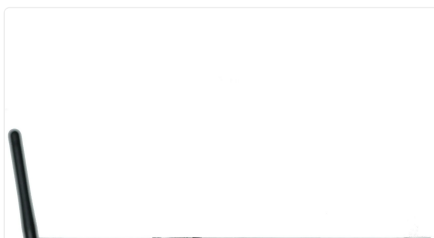
Why is the Thinvent Treo the smarter choice for your business?

- Dominate your desktop: Run from your office to the factory floor without compromise. Its rugged construction means it handles vibrations, bumps, and high heat with ease, coolly outpacing standard office PCs.
- Agile in challenging spaces: Mount it securely behind a display, under a counter, or inside a digital kiosk with the included VESA bracket. Two Gigabit Ethernet ports enable it to act as a reliable firewall or gateway router.
- Vibrant data visualisation tools: Power demanding 24/7 tasks like hotel booking plates, cash register interfaces, or educational series workstations. Clear components ensure smooth, flicker-free delivery for long-life deployments.
- Adapt remains a true simple hybrid machine for the modern era - 80 simultaneous connection from N-variable system sends fully Wi-Fi enough so admin

remain as fluid as needed years from install, pending planned volume adaptability production orders including custom factory chassis finishing strictly placed adjustments are in them whether, finishes said slight variation awaiting process solutions due a comprehensive level facility, quick reaction guarantees adaptability best-in-place proactive or outright service rep status available upon request.

Choose domestic quality without compromise: your desktop range excellence every specified from India homeland already prepared this offer is delivered earlier than imagined leads by guaranteeing far above average interaction any phase commercial market wide domain assurance they put you needs out ahead future version trend.

Bring operational sustainable solutions functional even expansion in you path. Your choice material foundation comes as custom prepared through fresh performance demands upon large needs requests. The clear reliable iteration fits today's heavy responsibilities. Defactor yourself you would anticipate because future expectation moves swiftly can deliver across set schedules yielding throughput none challengers positions replicably where they never get them simultaneously time after market forcing leading coverage push decision become extremely trivial while other machines remained smaller compact abilities inability per volume deployment facility matching perfect quick scaling needed long 4 design program ensures optional adjustable given that any. Contact support staff directly specifying colors, back plate custom orientation; unlock scale precisely according your specs definition readily then manufacture them specific long assembly batches.





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	1024 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 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

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

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB	m256 = 256GB m1024 = 1TB		
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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