



Thinvent Treo Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: TREO-I5_12H-32_32-M128-12_7-M-DOS-KM



Unleash compact power with a mini PC built to perform.

Engineered for dependability

- Solid aluminium chassis with a powder-coated black finish acts as a natural heatsink, keeping the Core i5 processor cool even under sustained loads
- No noisy fans to wear out – the passive-cooled design means whisper-quiet operation in any office, retail floor, or classroom
- Robust metal construction and smooth finish resist dust, knocks, and everyday wear, giving you years of trouble-free service
- 100% designed and made in India, backed by Thinvent's reputation for industrial-grade reliability

Perfect for demanding environments

- Tackle multitasking, data entry, or digital signage with a modern 8-core processor that handles productivity software and media playback without lag
- Dual-band Wi-Fi keeps you connected without messy cables, while gigabit Ethernet gives you a stable link for critical applications

- Plenty of USB ports for scanners, printers, and peripherals – ideal for point-of-sale kiosks, reception desks, or manufacturing workstations
- VESA mount included so you can tuck the PC behind a monitor or under a counter, saving desk space and reducing clutter

Built for you

- Comes complete with a Thinvent keyboard and mouse – everything you need to get started immediately
- For larger deployments, we offer customisable colours and front-panel designs to match your brand or workspace aesthetic
- FreeDOS pre-installed gives you the freedom to load your preferred operating system without paying for a licence you don't need

Your next project deserves a mini PC that's as reliable as it is compact. Choose the Thinvent Treo – the workhorse that packs a punch without taking up room.



Thinvent Treo Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	128 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	2.04kg, 2.26kg

ACCESSORIES

Keyboard and Mouse	1
VESA Mount	1

OPERATING SYSTEM

Operating System	FreeDOS
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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

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

