



Thinvent Treo Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set



SKU: TREO-I5_12H-16-M512-12_7-X-
DOS-KM

Powerhouse performance, pocket-sized potential

Unlock seamless operation and remarkable responsiveness for your critical business tasks. This compact yet robust industrial PC is engineered to keep your operations running smoothly, day in and day out. Experience the freedom of a clutter-free workspace without compromising on the processing muscle needed for demanding applications.

Built for the rigours of your environment

Its solid aluminium construction, finished in a sleek black powder coat, is more than just aesthetically pleasing; it's designed for efficient heat dissipation, ensuring consistent performance even under pressure. Trust in a device that's built to last, offering peace of mind and reliable operation.

Tailored to your unique operational needs

Whether you're managing an assembly line, powering a retail POS, or running critical back-office functions, this adaptable mini PC is ready to integrate. Its versatility means you can deploy it where space is at a premium, providing essential computing power without taking over your valuable workspace.

Designed and manufactured with pride in India

Invest in quality that's meticulously crafted and built with dedication. This commitment to local manufacturing ensures a product that's not only high-performing but also supported by a deep understanding of industrial requirements. For larger projects, explore customisation options to perfectly match your brand and operational aesthetic.



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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
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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_7-[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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