



Thinvent Treo Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

128GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set



SKU: TREO-I5_12H-32-M128-12_5-X-THINUX-KM

Power and Precision, Unboxed

Unlock seamless operation and robust performance for your business-critical applications with the Thinvent Treo Mini PC. Engineered for reliability and built to last, this compact powerhouse is your ideal partner for driving productivity in demanding industrial environments. Experience effortless multitasking and swift access to your essential tools, all within a sleek, space-saving design.

Your Industrial Command Centre

Imagine a workstation that fits discreetly into any operational setup, yet delivers the raw power needed to keep your processes running smoothly. The Thinvent Treo Mini PC is perfect for factory floor control systems, point-of-sale terminals, digital signage, or as a reliable headend for your network. Its intelligent design ensures it can handle the pressures of continuous operation, allowing you to focus on what matters most: your business.

Built for India, Designed for Excellence

Proudly 100% designed and made in India, the Treo Mini PC embodies a commitment to quality and innovation. Its solid aluminium chassis, finished in a sophisticated black, isn't just about aesthetics; it's engineered for efficient heat dissipation, ensuring consistent performance even under heavy loads. This robust construction means you're investing in a device that can withstand the rigors of industrial use, offering peace of mind and long-term value.

Adaptable to Your Vision

Do you require a specific aesthetic for your brand? For larger deployments, we offer customisable colours and designs, ensuring your Thinvent hardware perfectly complements your operational environment and brand identity. It's more than just a computer; it's a tailored solution for your unique needs.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 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
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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	1.94kg, 2.16kg

ACCESSORIES

Keyboard and Mouse	1
VESA Mount	1

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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 m512 = 512GB m256 = 256GB m1024 = 1TB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ 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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