



Thinvent Treo Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: TREO-I5_12H-4-M1024-12_7-X-11V-0



Powerfully compact computing, proudly made in India.

Keep your operations lean and efficient with the Thinvent® Treo Mini PC, a mighty powerhouse shoehorned into a space-saving chassis. Built around a robust 12th generation Intel Core i5 processor, this mini PC is designed for your most demanding edge applications without cluttering your workflow space. Perfect for digital signage, dedicated kiosk systems, or as a streamlined workstation, the Treo delivers consistent, responsive performance from a footprint that fits virtually anywhere.

Say goodbye to fragile plastic machines. It's crafted from solid aluminium, a choice made purposeful for superior heat dissipation and a reliably cool, quiet operation. Its powder-coated black finish is smooth to the touch and distressingly scratch-resistant, offering lasting structural integrity over time.

For highly targeted or enterprise deployments requiring hundreds of identical units, we can tailor its colour scheme or housing details to your exact needs.

Engage directly with your dual display setup, accessible interfaces range to peripherals, and wired networking ensures a stable connection for anything thrown at it. Windows 11 IoT Enterprise comes studio-loaded, purpose-built for fidelity in focused, single applications.

Overcome instability from big-box, generic desktop replacements and house value performance exactly where you plant it. Embrace thicker metal, not increased size, for a tempered machine yielding flaw proof paces country-run thousands higher miles deep for manufacturing cycles in raw where each fall counts.

In work is assembly for measure, every push comes known. That is make yours lean strength. Choose Treo.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 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
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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	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_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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