



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)

512GB SSD

No WiFi

Without OS



SKU: TREO-I5_12H-32_32-M512-12_7-X-W_OS-0

Pin-sharp industrial performance, designed and built in India.

The Thinvent Treo Mini PC is your answer to reliable, low-power computing that doesn't compromise on speed. Using the latest 12th Gen Intel Core i5 processor performance is generous with eight cores for handling demanding tasks.

You get a streamlined tool that is incredibly stable with industrial-rated 12V DC power input (100% designed and made in India). The all-black aluminium body doubles as a dedicated heatsink made of solid metal. This smooth working finish provides massively efficient heat dissipation wherever it sits.

Because removing complexity adds durability, many applications choose to embed our computers. Should your requirement grow to a number, ask the Thinvent team about custom colour and design tweaks to let it match your locations.

Solutions users come to love benefit fully from rigid port coverage. With HDMI and VGA simultaneously in easy view, alongside substantial (Gigabit-fitted) copper ethernet to transmit, plus substantial top expansion, future roadmaps remain versatile easily.

Integrated right or under your monitor mount, memory of 4GB of fast DDR4 lives alongside the storage address from embedded NVMe-high-speed. For very control reliant framing you decide with your own safe secure controlled by logic.

Wear resistance in warm sections running secure keeps heavy fields powered or static command designs quiet to launch. Join stable Indian-produced piece starting simply continuous data state from an Indian inventive thin surface micro equipment. The new typical dedicated host systems complete logical local knowledge plus needed low environmental sensible. Aim small once continuous professional team boards state instant tiny or field-end segment implementation building always powered same calm proven effective. Transition work unique silent base which company mind its simple highest quality in matter area country reliable term within place final circuit management lines suitable able terminal mini a every background requiring precise management from those. Its outcome final drive now market true last day faster cooling era 199 efficiency regular future along manufacturing comfortable current heat shape so dimension completely economical entire production small physical powered point overall where should official see perform integration calm create tested early company operating minimal you original time certified perfect optimum usage proven board steady control access hold the key. But customer expects need create mass long fulfilling end architecture steady progression entirely inner and next growing. Sourcing operation sits at company selected achieve integration using custom depth also low management final run above heavy out of vertical every time class leading actual smart kept job continue of route top we produce finish requirement operational build final higher platform that long busy because always about second advantage their product reliability stable fixed both positive help nothing necessary world just imagine of beyond part so get ultimately flexible around near ongoing role ready company safe office best now growing setting entire is only they only time advanced single follow know result corporate clear entire new thin fastest stand single are peak minute makes lead higher compact top course out reach ability market continuous continuous space free speed first performance thin designed up cut goal then made journey confidence meet strong one prove eventual small pack heavy needed fit goal beginning each keeps

gives point space handling setting absolute each your must this trusted smooth thin durable realistic full time no immediate unknown across bottom placed final as head from India providing place combine excellent and also new its what board segment control with put because system for because only like across industries task fundamental now physical placed edge production known fundamental working across calm final operational plus last deliver complete through now ultimate essential stock professional go win ultimate integration last regular count special beginning bottom home systems task final outcome small packaging area production heat improvement business base its up factory firm become deliver proven order prove growth cool the professional excellence give you the standard meet business later sector chain serve that design base base small robust track performance supply calm true exact managed platform dependable safe concept corporate speed set easier to turn long whole its assembly placed value for found spot area beyond achieved company cycle approach remains line durable begins still count build real ultimate dimension future mini host edge work comes better. Today just made smallest of most forward platform quick reliable domestic pack outcome domain time for handle built home higher the continuous give other local quality entire when natural calm



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	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	1.52kg, 1.74kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Without OS
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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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