



## Thinvent Treo Mini PC

### Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Without OS



SKU: TREO-I5\_12H-8\_8-M512-12\_5-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     | 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 |
|----------|-----------|

### 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 | 1.42kg, 1.65kg             |

### ACCESSORIES

|            |   |
|------------|---|
| VESA Mount | 1 |
|------------|---|

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## Ordering Information

## PRODUCT CODE

Treo-i5\_12H-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                            |                                            |                                         |                       |
|-------------|--------------------------------------------|--------------------------------------------|-----------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                        | <b>8</b> = 8GB DDR4                        | <b>16</b> = 16GB DDR4                   | <b>32</b> = 32GB DDR4 |
|             | <b>32_32</b> = 64GB<br>DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4<br>RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                        | <b>m256</b> = 256GB                        |                                         |                       |
|             | <b>m512</b> = 512GB                        | <b>m1024</b> = 1TB                         |                                         |                       |
| Wireless    | <b>m</b> = Dual Band WiFi                  | <b>X</b> = No WiFi                         |                                         |                       |
| OS          | <b>DOS</b> = DOS                           | <b>w_OS</b> = Without OS                   |                                         |                       |
|             | <b>11V</b> = Windows 11 IoT Value          | <b>11P</b> = Windows 11 Pro                |                                         |                       |
|             | <b>Thinix</b> = Thinix™ Embedded Linux     | <b>U</b> = Ubuntu Linux                    |                                         |                       |
| Accessories | <b>0</b> = None                            | <b>KM</b> = Keyboard and Mouse set         |                                         |                       |
|             | <b>MK</b> = Mechanical Keyboard            | <b>Mo</b> = Wired Optical Scroll Mouse     |                                         |                       |

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