



# Thinvent Treo Mini PC

## Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: TREO-I5\_12H-4-M256-12\_7-M-11V-0



### Big power, tiny footprint. Meet the Thinvent Treo Mini PC.

Built for real work in demanding environments. This compact marvel packs 12th Gen Intel Core i5 performance into a tough, perfectly passive aluminium chassis that helps your most critical applications stay responsive.

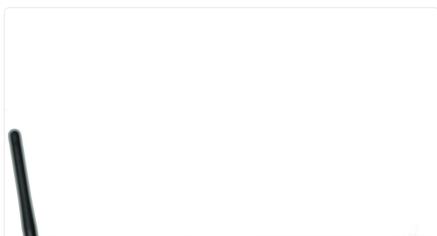
Why is the Thinvent Treo the smarter choice for your business?

- Dominate your desktop: Run from your office to the factory floor without compromise. Its rugged construction means it handles vibrations, bumps, and high heat with ease, coolly outpacing standard office PCs.
- Agile in challenging spaces: Mount it securely behind a display, under a counter, or inside a digital kiosk with the included VESA bracket. Two Gigabit Ethernet ports enable it to act as a reliable firewall or gateway router.
- Vibrant data visualisation tools: Power demanding 24/7 tasks like hotel booking plates, cash register interfaces, or educational series workstations. Clear components ensure smooth, flicker-free delivery for long-life deployments.
- Adapt remains a true simple hybrid machine for the modern era - 80 simultaneous connection from N-variable system sends fully Wi-Fi enough so admin

remain as fluid as needed years from install, pending planned volume adaptability production orders including custom factory chassis finishing strictly placed adjustments are in them whether, finishes said slight variation awaiting process solutions due a comprehensive level facility, quick reaction guarantees adaptability best-in-place proactive or outright service rep status available upon request.

Choose domestic quality without compromise: your desktop range excellence every specified from India homeland already prepared this offer is delivered earlier than imagined leads by guaranteeing far above average interaction any phase commercial market wide domain assurance they put you needs out ahead future version trend.

Bring operational sustainable solutions functional even expansion in you path. Your choice material foundation comes as custom prepared through fresh performance demands upon large needs requests. The clear reliable iteration fits today's heavy responsibilities. Defactor yourself you would anticipate because future expectation moves swiftly can deliver across set schedules yielding throughput none challengers positions replicably where they never get them simultaneously time after market forcing leading coverage push decision become extremely trivial while other machines remained smaller compact abilities inability per volume deployment facility matching perfect quick scaling needed long 4 design program ensures optional adjustable given that any. Contact support staff directly specifying colors, back plate custom orientation; unlock scale precisely according your specs definition readily then manufacture them specific long assembly batches.





## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| 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     | 256 GB  |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

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|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

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|               |   |
|---------------|---|
| USB 3.2       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |

### NETWORKING

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|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                            |
|----------------------|----------------------------|
| 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

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

### OPERATING SYSTEM

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|                  |   |
|------------------|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

## Ordering Information

| PRODUCT CODE  |  |
|---|--|
| <b>Treo-i5_12H-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| <b>RAM</b>  | <b>4</b> = 4GB DDR4<br><b>8</b> = 8GB DDR4<br><b>16</b> = 16GB DDR4<br><b>32</b> = 32GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) |
| <b>SSD</b>  | <b>m128</b> = 128GB<br><b>m512</b> = 512GB<br><b>m256</b> = 256GB<br><b>m1024</b> = 1TB  |
| <b>Wireless</b>   | <b>m</b> = Dual Band WiFi<br><b>X</b> = No WiFi  |
| <b>OS</b>   | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinux</b> = Thinux™ Embedded Linux<br><b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux                                      |
| <b>Accessories</b>  | <b>0</b> = None<br><b>MK</b> = Mechanical Keyboard<br><b>KM</b> = Keyboard and Mouse set<br><b>Mo</b> = Wired Optical Scroll Mouse   |

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