# Thinvent Treo Mini PC

## Intel Core Ultra 5 125U processor

### 12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 16GB DDR5 RAM

## 1TB SSD

## No WiFi

## Thinux Embedded Linux




SKU: TREO-CU5_14L-16_5-M1024-12_7-X-THINUX-0

Engineered for endurance, born for purpose.

The Thinvent® Treo Mini PC isn't just hardware; it's the resilient digital heart for your most demanding environments. Built from solid aluminium for superior strength and cool, reliable operation, this 100% India-made powerhouse is where robust industrial design meets intelligent, focused performance.

**Perfect for your critical operations**

From the bustling factory floor to secure digital signage and dedicated control systems, the Treo thrives. Its fanless, solid-metal construction ensures silent, dust-resistant operation where others fail. Dual Ethernet ports provide unwavering network reliability for machine control or data aggregation, while the dedicated Thinux™ Embedded OS delivers a stable, secure, and bloat-free platform for your custom applications.

**Why choose the Treo Mini PC**

- Uncompromising reliability in a compact, VESA-mountable form factor.
- A pure, secure computing environment free from unnecessary software overhead.
- Exceptional thermal management through its all-aluminium chassis for 24/7 uptime.
- Tailored to your vision with options for custom colours and designs on large orders.
- Proudly supporting Indian manufacturing with a product built to last.

Deploy confidence. Choose the robust, made-in-India solution engineered for the long run.











# Thinvent Treo Mini PC

## Specifications

### PROCESSING

| | |
|---|---|
| Generation | 14th |
| Series | Ultra 5 |
| Processor Brand | Intel |
| Processor Model | 125U |
| Cores | 12 |
| Max Frequency | 4.3 GHz |
| Cache | 12 MB |
| Main Memory | 16 GB |
| SSD Storage | 1024 GB |

### DISPLAY

| | |
|---|---|
| HDMI 2.0 | 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 | 2 |
| RS485 Option | 1 |

### NETWORKING

| | |
|---|---|
| Ethernet | 1000 Mbps |
| Ethernet Ports | 2 |

### 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 |

### OPERATING SYSTEM

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

# Thinvent Treo Mini PC

## Ordering Information

PRODUCT CODE

`Treo-cu5_14l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

| | | | | |
|---|---|---|---|---|
| RAM | **8_5** = 8GB DDR5 | **16_5** = 16GB DDR5 | **32_5** = 32GB DDR5 | **32_32_5** = 64GB DDR5 RAM (2 x 32GB) |
| | **16_16_5** = 32GB DDR5 RAM (2 x 16GB) | **8_8_5** = 16GB DDR5 RAM (2 x 8GB) | | |
| SSD | **m128** = 128GB | | **m256** = 256GB | |
| | **m512** = 512GB | | **m1024** = 1TB | |
| | **m2048** = 2TB | | | |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi | |
| OS | **DOS** = DOS | | **W_OS** = Without OS | |
| | **11V** = Windows 11 IoT Value | | **11P** = Windows 11 Pro | |
| | **11O** = Windows 11 Professional | | **Thinux** = Thinux™ 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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