



# Thinvent Treo Mini PC

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

32GB DDR5 RAM (2 x 16GB)

512GB SSD

No WiFi

Windows 11 IoT Value



SKU: TREO-CU5\_14L-16\_5\_16\_5-M512-12\_5-X-11V-0

Power Your Vision with Precision Performance. Introducing the Thinvent® Treo Mini PC, engineered to deliver robust and reliable computing for demanding industrial environments. This isn't just a computer; it's the dependable core of your digital operations, 100% designed and made in India.

### Engineered for Endurance

Forged from solid aluminium with a sleek black finish, the Treo dissipates heat efficiently for unwavering stability in continuous operation. Its robust, all-metal build and smooth powder-coated housing are built to withstand the rigours of the factory floor or control room.

### Unmatched Versatility for Industry

With dual Gigabit Ethernet ports, it's primed for complex network setups, machine connectivity, and data-intensive tasks. The compact, VESA-mountable design tucks neatly behind displays or under desks, saving crucial space without sacrificing power.

### Made for Your Mission

Running Windows 11 IoT, it provides a secure, manageable, and long-term platform for your specialised applications. From digital signage and kiosks to automation controllers and thin clients, the Treo delivers steadfast performance where it counts.

### A Partnership in Production

Have a large-scale requirement? We offer customisable colours and designs to seamlessly integrate with your brand and environment, making the Treo truly your own.

Choose the Treo Mini PC—where rugged Indian engineering meets intelligent, adaptable computing.



# 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     | 32 GB   |
| SSD Storage     | 512 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   | 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 | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

Treo-cu5\_14L-[RAM]-[SSD]-12\_5-[Wireless]-[OS]-[Accessories]

|             |                                            |                                 |                  |                                            |
|-------------|--------------------------------------------|---------------------------------|------------------|--------------------------------------------|
| RAM         | 8_5 = 8GB DDR5                             | 16_5 = 16GB DDR5                | 32_5 = 32GB DDR5 | 32_5_32_5 = 64GB<br>DDR5 RAM (2 x<br>32GB) |
|             | 16_5_16_5 = 32GB<br>DDR5 RAM (2 x<br>16GB) |                                 |                  |                                            |
| 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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