



# Thinvent Treo Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 2TB SSD

## No WiFi

## Windows 11 IoT Value

SKU: TREO-15\_14-32-M2048-12\_7-X-11V-0



Unleash Indian Ingenuity: The Thinvent® Treo Mini PC.

Experience unparalleled performance and reliability with the Thinvent® Treo Mini PC, a testament to 100% Indian design and manufacturing. Engineered for demanding environments, this compact powerhouse delivers exceptional processing speed thanks to its Intel® Core™ 5 120U processor. Its robust aluminium housing, finished in a sleek black powder coat, not only exudes premium quality but also ensures efficient heat dissipation for sustained peak performance.

### Key Performance Pillars

- Intel® Core™ 5 120U Processor: 10 cores, reaching up to 5.0 GHz with 12 MB cache for lightning-fast multitasking and application responsiveness.
- Massive 32GB DDR4 RAM: Effortlessly handle complex workloads and large datasets.
- Speedy 512GB SSD Storage: Enjoy rapid boot times and quick file access.

### Connectivity & Versatility

- Dual HDMI and one VGA port: Connect multiple displays for expanded productivity.
- Comprehensive Port Selection: Including USB 3.0, USB 2.0 (front and rear), Mic In, Speaker Out, and Front Speaker Out/Mic In for all your peripheral needs.

- High-Speed Ethernet: 1000 Mbps for reliable network connectivity.
- Integrated VESA Mount: For flexible, space-saving installation.

### Built for the Long Haul

- Durable Aluminium Construction: Designed for longevity and efficient cooling.
- Robust Power Management: 12V 7A adapter with wide AC input compatibility.
- Reliable Operation: Functions optimally within a 0°C to 40°C operating temperature range.
- Microsoft Windows 11 IoT Enterprise LTSC 2024 Value: A secure and stable operating system designed for embedded and industrial applications.

### Customization Options

- Large requirements can benefit from customisable colours and designs, tailored to your unique specifications.

### Certifications & Standards

- RoHS, ISO, BIS compliant.

### Compact and Powerful

- Dimensions: 199.5mm × 181.5mm × 29.5mm.
- Experience the future of mini PCs, proudly made in India.





# Thinvent Treo Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 14th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 120U    |
| Cores           | 10      |
| Max Frequency   | 5 GHz   |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 2048 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 2 |
| VGA  | 1 |

### AUDIO

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

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.0       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 3 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### 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 | 1.12kg, 1.35kg             |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**Treo-i5\_14-[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 |
| SSD         | <b>m128</b> = 128GB                  |                     | <b>m256</b> = 256GB                    |                       |
|             | <b>m512</b> = 512GB                  |                     | <b>m1024</b> = 1TB                     |                       |
|             | <b>m2048</b> = 2TB                   |                     |                                        |                       |
| 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>110</b> = Windows 11 Professional |                     | <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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