

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 IoT Value



SKU: TREO-I5\_14-16-M128-12\_5-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.



## Specifications

### PROCESSING

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Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

### DISPLAY

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HDMI	2
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 3.0	2
USB 2.0	2
Front USB 2.0	3

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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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

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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	1.03kg, 1.25kg

### ACCESSORIES

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VESA Mount	1
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### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE	
<b>Treo-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
RAM	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
SSD	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <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>Thinux</b> = Thinux™ 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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