

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 16GB DDR4 RAM

## 256GB SSD

## No WiFi

## Windows 11 IoT Value



SKU: TREO-I7\_12L-16-M256-12\_7-X-11V-0

### Built for Demanding Business: The Power of 'Made in India'

#### Engineered for Performance

Harness serious computing power in a remarkably compact and robust aluminium chassis. The Thinvent® Treo Mini PC delivers the reliable, high-performance backbone your critical operations demand, day in and day out.

#### Why the Treo Mini PC is Your Strategic Choice

- Uncompromising reliability for 24/7 industrial environments, from digital signage and kiosks to automated control systems.
- Its solid metal construction and efficient thermal design ensure stable operation, minimising downtime.

- Dual Gigabit Ethernet ports provide robust and secure network connectivity for data-intensive tasks.
- A proud product of Indian design and manufacturing, built to meet stringent quality certifications.
- Offers potential for customisation in colour and design for large-scale deployments, letting your hardware reflect your brand.

Experience concentrated power and rugged dependability, engineered to keep your business moving forward.



## Specifications

### PROCESSING

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Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	16 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
Front USB 2.0	3
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### 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
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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-i7_12l-[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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