

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Thinux Embedded Linux

SKU: TREO-I7\_12L-16-M512-12\_7-M-THINUX-0



Big performance comes in small packages. Meet the Thinvent® Treo Mini PC, where robust industrial computing meets elegant, space-saving design. Engineered entirely in India, it delivers the reliability and power you need for demanding environments, all from a compact, rugged footprint.

### Uncompromising Power for Critical Tasks

Harness the substantial processing capability of an Intel® Core™ i7 processor to drive complex applications effortlessly. From digital signage and interactive kiosks to automation control and secure communications, the Treo handles it with smooth, responsive performance that keeps your operations running without a hitch.

### Built for Resilience and Reliability

Crafted from solid aluminium with an efficient black finish, this Mini PC isn't just stylish—it's tough. The metal chassis ensures superior heat dissipation for sustained operation and provides a durable build that stands up to the rigours of 24/7 use in industrial, retail, or office settings.

### Maximum Connectivity, Minimal Fuss

Stay seamlessly connected with dual Gigabit Ethernet ports for network redundancy and fast data transfer, alongside comprehensive wireless options. Its wealth of ports ensures easy integration with all your essential peripherals, displays, and legacy equipment.

### Ready for Your Vision

Pre-loaded with Thinux™ Embedded Linux, it offers a stable, secure platform for a wide range of professional software, from office tools and remote management to multimedia and custom applications. For large projects, we even offer customisable colours and designs to match your brand identity perfectly.

The Thinvent Treo Mini PC: sophisticated, powerful, and proudly made for the challenges of modern business.



## 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	512 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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

## Ordering Information

PRODUCT CODE	
<b>Treo-i7_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>32_32</b> = 64GB DDR4 RAM (2 x 32GB) <b>16_16</b> = 32GB DDR4 RAM (2 x 16GB) <b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)
<b>SSD</b>	<b>m128</b> = 128GB <b>m512</b> = 512GB <b>m256</b> = 256GB <b>m1024</b> = 1TB
<b>Wireless</b>	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
<b>OS</b>	<b>DOS</b> = DOS <b>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux <b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>MK</b> = Mechanical Keyboard <b>KM</b> = Keyboard and Mouse set <b>Mo</b> = Wired Optical Scroll Mouse

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