



Thinvent Treo Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set



SKU: TREO-I7_12L-4-M512-12_5-X-U-KM

Engineered for the relentless demands of industry.

Uncompromising Performance in a Compact Frame

The Thinvent® Treo Mini PC delivers serious desktop power in an incredibly small footprint. Built around a high-performance Intel® processor, it tackles complex industrial applications, data processing, and multi-tasking with smooth, reliable efficiency. This is computing power you can depend on, day in and day out.

Robust Reliability, Built to Last

This isn't just another computer; it's a workhorse engineered for challenging environments. Its solid aluminium chassis isn't just for show—it provides superior heat dissipation and a rugged, durable build with a smooth, professional finish. With dual Gigabit Ethernet ports, it offers steadfast, wired network reliability for critical operations, free from wireless interference.

Tailored for Your Operational Needs

Ready to work straight out of the box with a stable Ubuntu Linux OS, the Treo is a secure and efficient platform for your specialised software. We understand that one size doesn't fit all in industry. That's why, for larger requirements, we offer complete customisation—from colours to specific design tweaks—ensuring the solution fits your workspace and branding perfectly.

Proudly conceived and manufactured in India, the Treo Mini PC represents a fusion of intelligent design, robust construction, and adaptable performance for the modern industrial workspace.



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	2
Front USB 2.0	3
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	1.94kg, 2.16kg

ACCESSORIES

Keyboard and Mouse	1
VESA Mount	1

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE				
Treo-i7_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	64 = 64GB DDR4			
SSD	m128 = 128GB		m256 = 256GB	
	m32 = 32GB		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	
	Thinux = Thinux™ 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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