

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro



SKU: TREO-I7_12L-16-M512-12_5-X-11P-0

Powerful Performance, Proudly Made in India.

Introducing the Thinvent® Treo Mini PC, where robust industrial computing meets elegant, purpose-built design. Engineered entirely in India, this compact powerhouse is built to excel in demanding environments, offering reliability and performance where it matters most.

Unmatched Durability and Thermal Management

Forged from solid aluminium with a sleek black finish, the Treo isn't just about looks. This robust metal construction ensures exceptional heat dissipation for sustained high performance and provides a rugged, long-lasting chassis for 24/7 operation.

Versatile and Dependable for Critical Operations

- Perfect for digital signage, factory automation, and secure kiosk systems.
- Its reliable, fanless-inspired design minimises moving parts for reduced maintenance.
- Offers extensive connectivity for peripherals and dual LAN for network redundancy.

Built for Your Business, Your Way

We understand that one size doesn't fit all. For larger deployments, we offer customisation. Tailor the look with different colours and designs to seamlessly integrate the Treo into your specific application and corporate identity.

The Thinvent Treo Mini PC. More than a computer; it's a durable, high-performance partner for your business, crafted with pride.



Specifications

PROCESSING

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

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	1.42kg, 1.65kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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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