

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: TREO-I7_12L-4-M512-12_5-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

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

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	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				
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	
	Thinix = Thinix™ 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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