



Thinvent Treo Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: TREO-15_14-8-M512-12_5-M-11V-0



Unleash Mighty Performance in a Mini Footprint.

Experience unparalleled power and compact design with the Thinvent® Treo Mini PC. 100% designed and made in India, this marvel of engineering delivers desktop-grade performance in a sleek, palm-sized form factor, perfect for any workspace or specialized application.

Blazing Performance at Your Command

- Powered by the Intel® Core™ 5 120U processor, featuring 10 cores and turbo speeds up to 5.0 GHz with a 12 MB cache for seamless multitasking and demanding applications.
- Equipped with 8GB DDR4 RAM and a lightning-fast 512GB SSD, ensuring rapid boot times and fluid operation.
- Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a secure, stable, and long-term solution for professional environments.

Robust Design and Versatile Connectivity

- Crafted from solid aluminium with a powder-coated black finish, it ensures efficient heat dissipation and a solid, smooth build.
- Customisation options for colours and design are available for large requirements.
- Connect effortlessly with dual HDMI and a VGA port for multi-display setups.
- Comprehensive I/O includes 2x USB 3.0, 6x USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac).
- Dedicated audio ports (speaker out, mic in) on both front and back.
- VESA mount compatibility allows for discreet installation behind monitors.

Built for Reliability

- Designed to operate in diverse environments, from 0°C to 40°C.
- RoHS, ISO, and BIS certified, guaranteeing quality and compliance.
- Ultra-compact at just 199.5mm × 181.5mm × 29.5mm, fitting effortlessly into any setup.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	512 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

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

CONNECTIVITY

USB 3.0	2
USB 2.0	2
Front USB 2.0	3

NETWORKING

Ethernet	1000 Mbps
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	1.03kg, 1.25kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE	
Treo-i5_14-[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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