



Thinvent Treo Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Without OS



SKU: TREO-I3_12L-16_16-M1024-12_7-X-W_OS-0

Think Big, Deploy Small: The Mini PC Powerhouse for Industrial Agility.

Uncompromising Performance in a Compact Frame

Tackle demanding industrial applications with ease. This robust mini PC delivers the reliable processing power needed for digital signage, kiosks, and automation control, all from a remarkably small footprint that saves crucial space.

Built for Resilience and Reliability

Encased in a solid aluminium chassis for superior heat dissipation and durability, it thrives in challenging environments. Its fanless design ensures silent, maintenance-free operation, while dual Gigabit LAN ports provide network redundancy for critical connections.

Proudly Engineered in India

This is precision engineering you can trust, designed and manufactured entirely in India to meet the highest standards of quality and support. We stand behind every unit.

Your Vision, Our Craftsmanship

We understand that your project is unique. For large-scale deployments, we offer customisation options including housing colours and design modifications to perfectly align with your brand and operational needs.

Ready for Your Specific Workload

Arriving without a pre-installed operating system, it offers the ultimate flexibility for you to load your preferred software, creating a tailored solution that integrates seamlessly into your existing infrastructure.



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Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	1024 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	7 Amps
Power Input	100~275 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	1.49kg, 1.71kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

Treo-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m256 = 256GB

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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