

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

128GB SSD

No WiFi

Ubuntu Linux



SKU: TREO-I3_12L-16-M128-12_5-X-U-0

Compact power for industrial innovation, made entirely in India.

Built to Endure, Designed to Deliver

Experience the rugged reliability of a 100% Indian-made industrial computer. Its solid aluminium chassis, finished in a sleek black powder coat, isn't just for looks—it actively manages heat to ensure stable, continuous operation in demanding environments. The robust metal build provides superior durability with a smooth, professional finish.

Your Versatile Core for Critical Operations

The Thinvent Treo Mini PC is engineered to be the dependable heart of your system. With dual Gigabit LAN ports for resilient network connectivity, it is perfectly suited for digital signage, kiosks, thin clients, and factory automation. The pre-installed Ubuntu Linux offers a secure, stable, and open-source platform, ready to run your essential applications without unnecessary complexity.

Why Choose the Treo Mini PC

- Benefit from unshakeable local engineering and manufacturing support.
- Enjoy superior thermal performance and longevity from the all-metal construction.
- Deploy a focused, reliable computing node for industrial and commercial tasks.
- Scale with confidence—custom colour and design options are available for large-volume projects to match your brand and environment perfectly.

Solid, silent, and steadfast—the foundation your operations deserve.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	128 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	1.39kg, 1.61kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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 m512 = 512GB m256 = 256GB m1024 = 1TB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux w_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None MK = Mechanical Keyboard KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse

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