



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: R-I5_12-4-M512-12_10-M-U-KM



Unleash Your Productivity: The Thinvent® Neo R/4 Mini PC Experience compact power and seamless performance with the Thinvent® Neo R/4 Mini PC. Designed for efficiency and reliability, this mini PC is your perfect solution for work and beyond.

Powerful Processing

Fueled by the Intel® Core™ i5-1250P processor, the Neo R/4 boasts 12 cores that reach up to 4.4 GHz with a 12 MB cache, ensuring smooth multitasking and responsive operation.

Efficient Memory and Storage

- 4GB DDR4 RAM provides ample space for your applications.
- A swift 128GB SSD ensures rapid boot times and quick file access.

Versatile Connectivity

- Connect to your displays via HDMI and VGA ports.
- Multiple USB ports (2x USB 3.2, 2x USB 2.0) offer broad device compatibility.
- Enjoy fast and stable internet with 1000 Mbps Ethernet and Dual Band Wi-Fi.

Pre-installed with Ubuntu Linux

Benefit from the flexibility and open-source power of Ubuntu Linux 24.04 LTS, ready for your customized setup.

Included Peripherals

- A complete Thinvent® Keyboard and Mouse set is included, so you can get started right away.

Durable and Compact Design

- Encased in a robust black steel housing with a powder coating, the Neo R/4 is built to last.
- Its small footprint (198mm × 200mm × 73mm) and lightweight design (110 grams) make it ideal for any workspace.

Reliable Power

- Powered by a 12V 7A adapter, with a broad input voltage range for global use.

Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Core, up to 4.4 GHz, 12 MB cache)
- RAM: 4GB DDR4
- Storage: 128GB SSD
- Wireless: Wi-Fi 5 (802.11ac), Dual Band
- Operating System: Ubuntu Linux 24.04 LTS
- Ports: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Certifications: BIS, RoHS, ISO



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 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	198mm × 200mm × 73mm
Packing Dimensions	340mm × 235mm × 105mm
Weight	110 grams
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

R-i5_12-[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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

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

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

