



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: R-I5_12-16_16-M1024-12_7-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	32 GB
SSD Storage	1024 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	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	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_10-[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

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