



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: R-I5_12-32-S256-12_5-X-W_OS-KM



Unleash Powerful Performance in a Compact Design

The Thinvent® Neo R/4 Mini PC redefines desktop computing with its exceptional blend of power and portability. Engineered for efficiency and productivity, this mini PC is your gateway to seamless multitasking and demanding applications.

Processor Powerhouse

Experience lightning-fast responsiveness thanks to the Intel® Core™ i5-1250P processor.

- 12 Cores deliver robust multitasking capabilities.
- Reach up to 4.4 GHz for peak performance.
- A 12 MB cache ensures swift data access.

Ample Memory and Storage

- 32 GB DDR4 RAM handles intensive workloads with ease.
- A 128 GB SSD provides rapid boot times and quick file transfers.

Connectivity Hub

Connect all your peripherals and displays effortlessly.

- 1 HDMI and 1 VGA port for versatile display options.
- 1 Speaker Out and 1 Mic In for audio integration.

- 2 USB 3.2 and 2 USB 2.0 ports for expanded connectivity.
- A 1000 Mbps Ethernet port ensures stable network access.

Built for Reliability

Encased in a durable black steel housing with a powder coating finish, the Neo R/4 is designed for longevity.

- Compact dimensions: 198mm × 200mm × 73mm.
- Feather-light at only 110 grams.
- Operates efficiently within a temperature range of 0°C to 40°C.

Includes Essential Accessories

- Thinvent® Keyboard and Mouse set included for immediate use.
- A 12V 7A adapter provides stable power.

Customizable to Your Needs

This unit comes Without OS, allowing you to install your preferred operating system and software.

Certifications

- BIS, RoHS, ISO certified for quality and compliance.



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	256 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
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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	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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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

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