



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

32GB MLC SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set



SKU: R-I5\_12-8\_8-S32-12\_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     | 16 GB   |
| SSD Storage     | 32 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 |
|----------|-----------|

### 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 |
|--------------------|---|

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## 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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