



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 2TB SSD

## Dual Band WiFi

## Windows 11 Pro

## Thinvent Keyboard and Mouse set

SKU: R-I3\_12-32-M2048-12\_5-M-11P-KM



## Unleash Your Productivity in a Compact Powerhouse

Thinvent® Neo R/4 Mini PC: Powerfully Efficient, Exceptionally Versatile.

Experience seamless multitasking and rapid performance with the Thinvent® Neo R/4 Mini PC. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores and a turbo boost up to 4.4 GHz with 10 MB cache, this mini PC handles demanding tasks with ease. Multitask effortlessly thanks to 16GB of DDR4 RAM, ensuring smooth operation even with multiple applications open.

### Storage for Your Essentials

- A swift 128GB SSD provides rapid boot times and quick access to your files.

### Connectivity for Every Need

- Versatile display options with 1 HDMI and 1 VGA port.
- Essential audio ports: 1 Speaker Out, 1 Mic In.
- Expand your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Experience lightning-fast wired networking with 1000 Mbps Ethernet.
- Stay connected with reliable Dual Band Wi-Fi (Wi-Fi 5, 802.11ac).

### Designed for the Modern Workspace

- Compact and space-saving dimensions: 198mm × 200mm × 73mm.
- Robust steel housing with a sleek black powder coating.
- Lightweight at only 110 grams.
- Includes a Thinvent® Keyboard and Mouse set for immediate setup.
- Runs on the professional-grade Microsoft Windows 11 Pro operating system.

### Reliable Power and Performance

- Includes a 12V 7A adapter for stable power delivery.
- Broad AC input compatibility: 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum.
- 2-meter cable length for flexible placement.
- Built to operate in diverse environments: 0°C ~ 40°C and 20% ~ 80% RH.
- Certified for quality and safety: BIS, RoHS, ISO.

The Thinvent® Neo R/4 Mini PC is the ultimate solution for businesses, home offices, and educational institutions seeking powerful computing in an incredibly small footprint.





# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 2048 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| RS485 Option | 1 |

### NETWORKING

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

### 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 | 2.11kg, 2.52kg        |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

R-i3\_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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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