



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

Dual Band WiFi

Without OS

SKU: R-I3\_12-32\_32-M2048-12\_5-M-W\_OS-0



## Unleash Your Productivity with the Thinvent® Neo R/4 Mini PC: Compact Powerhouse!

Experience unparalleled performance and versatility with the Thinvent® Neo R/4 Mini PC. This ultra-compact desktop solution is engineered to deliver seamless multitasking and efficient computing for all your professional and personal needs.

### Key Processor Power

- Powered by the Intel® Core™ i3-1215U processor, boasting 6 cores and reaching up to 4.4 GHz with a 10 MB cache.

### Blazing Fast Memory and Storage

- Multitask with ease thanks to a massive 64GB of DDR4 RAM.
- Enjoy rapid boot times and quick application loading with the 256GB SSD.

### Versatile Connectivity

- Dual display support with 1 HDMI and 1 VGA port.
- Connect all your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- High-speed internet with 1000 Mbps Ethernet.

- Seamless wireless experience with Dual Band Wi-Fi 5 (802.11ac).
- Integrated audio with 1 Speaker Out and 1 Mic In.

### Built for Reliability

- Robust steel housing with a sleek black power-coated finish.
- Compact dimensions (198mm x 200mm x 73mm) and lightweight design (110 grams).
- Operates efficiently within a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH.
- Includes a 12V 7A adapter for stable power.

### Choose Your Operating System

- This model comes Without OS, giving you the flexibility to install your preferred operating system.

### Certifications

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

Elevate your workspace with the Thinvent® Neo R/4 Mini PC – where performance meets portability.



# 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     | 64 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 | 1.59kg, 2.01kg        |

### OPERATING SYSTEM

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

## 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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