



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM (2 x 16GB)

## 1TB SSD

## Dual Band WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: R-I3\_12-16\_16-M1024-12\_5-M-W\_OS-KM



Unleash your productivity with the power of compact computing.

### Thinvent® Neo R/4 Mini PC: Powerhouse Performance in a Miniature Design

Experience seamless multitasking and swift performance with the Intel® Core™ i3-1215U processor, featuring 6 cores, a turbo boost up to 4.4 GHz, and a 10 MB cache. This compact powerhouse is designed to handle your daily computing needs with efficiency and speed.

### Expansive Storage and Speedy Connectivity

Equipped with a generous 1TB SSD, enjoy lightning-fast boot times and rapid application loading. The 4GB DDR4 RAM ensures smooth operation for your everyday tasks. Connect your peripherals with ease using a versatile array of ports, including 2x USB 3.2, 2x USB 2.0, 1x HDMI, and 1x VGA. Enjoy stable, high-speed internet with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).

### Built for Reliability and Versatility

The robust steel housing with a sleek black powder coating ensures durability. Enjoy crystal-clear audio with a dedicated speaker out and a convenient mic in. This Mini PC operates efficiently with a 12V 7A adapter and is compatible with 100~275 Volts AC power input. The included Thinvent® keyboard and mouse set provides a complete, ready-to-go solution.

### Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- RAM: 4GB DDR4
- Storage: 1TB SSD
- Graphics Output: 1x HDMI, 1x VGA
- Audio: 1x Speaker Out, 1x Mic In
- USB Ports: 2x USB 3.2, 2x USB 2.0
- Networking: 1000 Mbps Ethernet, Dual Band Wi-Fi 5 (802.11ac)
- Power: 12V 7A Adapter
- Dimensions: 198mm × 200mm × 73mm
- Weight: 110 grams
- Housing: Steel, Black Powder Coating
- Included Accessories: Thinvent® Keyboard and Mouse set
- Operating System: Without OS.





# 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     | 1024 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 | Without OS |
|------------------|------------|

## Ordering Information

### PRODUCT CODE

**R-i3\_12-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|             |                                         |                                         |                                      |                       |
|-------------|-----------------------------------------|-----------------------------------------|--------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                     | <b>8</b> = 8GB DDR4                     | <b>16</b> = 16GB DDR4                | <b>32</b> = 32GB DDR4 |
|             | <b>32_32</b> = 64GB DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                     |                                         | <b>m256</b> = 256GB                  |                       |
|             | <b>m512</b> = 512GB                     |                                         | <b>m1024</b> = 1TB                   |                       |
|             | <b>S32</b> = 32GB MLC                   |                                         | <b>S128</b> = 128GB                  |                       |
|             | <b>S256</b> = 256GB                     |                                         |                                      |                       |
| Wireless    | <b>m</b> = Dual Band WiFi               |                                         | <b>X</b> = No WiFi                   |                       |
| OS          | <b>DOS</b> = DOS                        |                                         | <b>W_OS</b> = Without OS             |                       |
|             | <b>11V</b> = Windows 11 IoT Value       |                                         | <b>11P</b> = Windows 11 Pro          |                       |
|             | <b>Thinux</b> = Thinux™ Embedded Linux  |                                         | <b>U</b> = Ubuntu Linux              |                       |
| Accessories | <b>0</b> = None                         |                                         | <b>KM</b> = Keyboard and Mouse set   |                       |
|             | <b>1S</b> = DB9 Serial                  |                                         | <b>MK</b> = Mechanical Keyboard      |                       |
|             | <b>Mo</b> = Wired Optical Scroll Mouse  |                                         |                                      |                       |

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