



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: R-I3\_12-32-M256-12\_5-M-U-KM



### Unleash Productivity in a Compact Powerhouse

The Thinvent® Neo R/4 Mini PC is your ultimate solution for efficient computing in a space-saving design. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores that turbocharge up to 4.4 GHz with a 10 MB cache, this mini PC handles multitasking and demanding applications with ease. Experience lightning-fast responsiveness thanks to 16GB of DDR4 RAM and a swift 128GB SSD, ensuring quick boot times and seamless file access.

#### Versatile Connectivity

Equipped with an array of ports including HDMI, VGA, 2 USB 3.2, 2 USB 2.0, and a 1000 Mbps Ethernet port, the Neo R/4 offers flexible connectivity options for all your peripherals and networking needs. Enjoy lag-free wireless experiences with its dual-band Wi-Fi.

#### Robust and Reliable

Built with a durable black steel housing finished with a power coating, this mini PC is designed for longevity. It operates efficiently within a 0°C to 40°C temperature range and comes with a 12V 7A adapter.

Pre-installed with the latest Ubuntu Linux 24.04 LTS, the Neo R/4 is ready to go right out of the box. It includes a Thinvent® Keyboard and Mouse set for immediate productivity.

#### Key Features

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 16GB DDR4 RAM
- Storage: 128GB SSD
- Display Outputs: 1 HDMI, 1 VGA
- Ports: 2 USB 3.2, 2 USB 2.0, 1 Ethernet (1000 Mbps), 1 Speaker Out, 1 Mic In
- Wireless: Dual Band Wi-Fi 5 (802.11ac)
- Operating System: Ubuntu Linux 24.04 LTS
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Power: 12V 7A Adapter



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| 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     | 256 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

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

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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

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

### OPERATING SYSTEM

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|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## Ordering Information

| PRODUCT CODE  |   |                     |  |
|---|---|---------------------|--|
| <b>R-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |   |                     |  |
| <b>RAM</b>  | <b>4</b> = 4GB DDR4<br><b>64</b> = 64GB DDR4  | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4<br><b>32</b> = 32GB DDR4   |
| <b>SSD</b>  | <b>m128</b> = 128GB<br><b>m32</b> = 32GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB           |                     | <b>m256</b> = 256GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB |
| <b>Wireless</b>   | <b>m</b> = Dual Band WiFi   |                     | <b>X</b> = No WiFi   |
| <b>OS</b>   | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux |                     | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux         |
| <b>Accessories</b>  | <b>0</b> = None<br><b>1S</b> = DB9 Serial<br><b>Mo</b> = Wired Optical Scroll Mouse             |                     | <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard                      |

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