



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM (2 x 8GB)

## 512GB SSD

## Dual Band WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: R-I5\_13-8\_8-M512-12\_7-M-U-KM



## Unleash Your Productivity with the Thinvent® Neo R/4 Mini PC

Experience unparalleled performance and versatility in a compact powerhouse. The Thinvent® Neo R/4 Mini PC is engineered for efficiency, making it the perfect solution for home, office, and beyond.

### Core Performance Powerhouse

- Driven by the Intel® Core™ i5-1335U processor, featuring a formidable 10 cores that boost up to 4.6 GHz with a 12 MB cache, ensuring seamless multitasking and rapid application loading.

### Ample Memory and Storage

- Equipped with a massive 64 GB of DDR4 RAM, allowing you to run demanding applications and juggle numerous tasks without compromise.
- A swift 256 GB SSD provides lightning-fast boot times and quick data access.

### Connectivity for Every Need

- Versatile display options with 1 HDMI and 1 VGA port.
- Expand your setup with 2 USB 3.2 and 2 USB 2.0 ports.
- High-speed 1000 Mbps Ethernet for stable wired connections.

- Integrated Dual Band WiFi (Wi-Fi 5 802.11ac) keeps you connected wirelessly.
- Dedicated speaker out and mic in ports for your audio peripherals.

### Designed for Reliability and Ease of Use

- Robust steel housing with a durable, powder-coated black finish.
- Compact dimensions (198mm x 200mm x 73mm) and a surprisingly light 110 grams, fitting effortlessly into any workspace.
- Includes a Thinvent® Keyboard and Mouse set for an immediate, complete setup.
- Runs on the stable and flexible Ubuntu Linux 24.04 LTS operating system.
- Powered by a reliable 12V 7A adapter with universal AC input (100~275 Volts AC).

### Certifications and Environmental Considerations

- BIS, RoHS, and ISO certifications ensure quality and compliance.
- Operates efficiently within a wide temperature range (0°C ~ 40°C) and humidity levels (20% ~ 80% RH, non condensing).





# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 512 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 2.13kg, 2.55kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**R-i5\_13-[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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