



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## No WiFi

## Ubuntu Linux

SKU: R-I3\_13-16-M512-12\_5-X-U-0



Unlock Next-Level Efficiency with Thinvent Neo R/4.

Experience a revolution in compact computing with the Thinvent® Neo R/4 Mini PC, engineered for unparalleled performance and rock-solid reliability. This powerhouse redefines what a mini PC can do, offering robust capabilities in an incredibly small footprint.

### Core Performance

- Intel® Core™ i3-1315U processor with 6 cores for blazing-fast multitasking
- Max frequency of 4.5 GHz and 10 MB cache for responsive computing
- 64GB DDR4 RAM ensures seamless application handling and future-proof performance
- Lightning-fast 256GB SSD for rapid boot-ups and instant data access

### Secure and Stable Computing

- Pre-installed with Ubuntu Linux 24.04 LTS, providing a secure, stable, and open-source operating environment
- Designed without Wi-Fi for enhanced security and a consistently reliable 1000 Mbps wired Ethernet connection, ideal for critical infrastructure and secure networks

### Versatile Connectivity and Design

- Dual display support with 1 HDMI and 1 VGA port
- 2 USB 3.2 and 2 USB 2.0 ports for all your peripherals
- Dedicated Speaker Out and Mic In for complete audio functionality
- Robust steel housing with a sleek black powder coating ensures durability and a professional aesthetic
- Incredibly lightweight at just 110 grams and compact dimensions (198mm x 200mm x 73mm) for effortless integration into any workspace

### Built for Reliability

- Wide power input (100~275V AC) via a 12V 7A adapter with a 2-metre cable
- Certified with BIS, RoHS, and ISO for guaranteed quality and environmental compliance
- Operates reliably from 0°C to 40°C with 20% to 80% non-condensing humidity

The Thinvent Neo R/4 is your ultimate solution for secure, high-performance computing in a compact form factor.



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 512 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 |

### NETWORKING

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|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### 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 | 1.52kg, 1.94kg        |

### OPERATING SYSTEM

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

## Ordering Information

| PRODUCT CODE  |  |
|---|--|
| <b>R-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| <b>RAM</b>  | <b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4<br><b>64</b> = 64GB DDR4   |
| <b>SSD</b>  | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><b>m1024</b> = 1TB <b>S32</b> = 32GB MLC<br><b>S128</b> = 128GB <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 <b>W_OS</b> = Without OS<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><b>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux |
| <b>Accessories</b>  | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>1S</b> = DB9 Serial <b>MK</b> = Mechanical Keyboard<br><b>Mo</b> = Wired Optical Scroll Mouse                       |

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