



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

No WiFi

Ubuntu Linux



SKU: R-I5\_12-8\_8-M128-12\_7-X-U-0

Thinvent Neo R/4: Unleash Mighty Performance in a Mini Marvel.

Introducing the Thinvent® Neo R/4 Mini PC, a powerhouse of productivity packed into an incredibly compact design. Engineered for speed and efficiency, this Mini PC is your ideal solution for demanding tasks, delivering exceptional performance where it matters most.

### Core Performance

**At its heart lies an Intel® Core™ i5-1250P processor, featuring an impressive**

- 12 cores for superior multitasking
- Up to 4.4 GHz max frequency for blazing-fast processing
- 12 MB cache for rapid data access

This ensures seamless operation whether you're handling complex applications, running virtual machines, or managing data-intensive workflows.

### Speed and Storage

**Experience unparalleled responsiveness with**

- 16GB DDR4 RAM for fluid multitasking
- 1TB SSD for lightning-fast boot times, quick application launches, and ample storage for all your critical data

### Secure and Stable Operating System

**Pre-loaded with Ubuntu Linux 24.04 LTS, the Neo R/4 offers**

- A robust, secure, and open-source computing environment
- Long-term support for sustained reliability

- An ideal platform for developers, businesses, and privacy-conscious users

### Connectivity and Reliability

**Designed for maximum stability in wired environments, this Mini PC ensures**

- A gigabit Ethernet port for unwavering, high-speed network access (No WiFi for enhanced security)
- Versatile display options with 1 HDMI and 1 VGA port
- Ample peripheral support with 2 USB 3.2 and 2 USB 2.0 ports
- Audio flexibility with dedicated speaker out and mic in jacks

### Durable and Compact Design

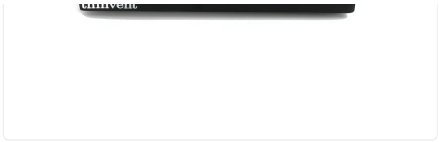
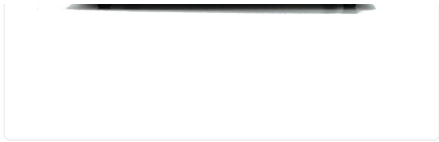
**Built to last with a sleek, professional aesthetic**

- Robust steel housing with a black powder coating
- Ultra-compact dimensions: 198mm x 200mm x 73mm
- Incredibly lightweight at just 110 grams for ultimate portability

### Power and Environmental Standards

- Efficient 12V 7A adapter compatible with wide AC input (100~275 Volts)
- Operates reliably in temperatures from 0°C to 40°C
- Certified to high standards: BIS, RoHS, ISO, ensuring quality and environmental responsibility





# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 128 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 |
|----------|-----------|

### 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 | 1.72kg, 2.13kg        |

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**R-i5\_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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