



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

DOS



SKU: R-I5\_12-16\_16-S256-12\_7-X-DOS-0

Unleash Unrivaled Performance in a Miniature Powerhouse.

The Thinvent® Neo R/4 Mini PC redefines compact computing, delivering desktop-grade power in a remarkably small footprint. Engineered for demanding tasks, this Mini PC is your ideal solution for business, education, or specialized industrial applications where performance and reliability are paramount.

### Performance Unleashed

- Experience lightning-fast operations with the Intel® Core™ i5-1250P processor. Its 12 cores, clocking up to 4.4 GHz with a substantial 12 MB cache, effortlessly handle intensive multitasking and complex applications.
- Boasting a generous 32GB DDR4 RAM, the Neo R/4 ensures seamless transitions between applications and smooth execution of even the most memory-hungry software.
- A rapid 512GB SSD guarantees instant boot-ups and incredibly fast file access, maximizing your productivity.

### Connectivity and Versatility

- Expand your workspace with dual display support via HDMI and VGA ports.
- Connect all your essential peripherals with two USB 3.2 and two USB 2.0 ports.
- Enjoy stable, high-speed networking with a dedicated 1000 Mbps Ethernet port, perfect for environments requiring secure and consistent wired connections.

- Integrated speaker out and mic in ports provide comprehensive audio capabilities.

### Designed for Durability

- Housed in robust steel with a sleek black power-coated finish, the Neo R/4 is built to last.
- Its compact dimensions (198mm x 200mm x 73mm) and incredibly light 110-gram design ensure easy integration into any setup, while the wide voltage range (100-275V AC) adapter offers global compatibility.
- Operating reliably from 0°C to 40°C with 20% to 80% RH humidity, it's ready for diverse environments.

### Optimal Control

- Shipped with FreeDOS, this system provides a clean slate for your preferred operating system or specialized software, offering ultimate customization without pre-installed bloatware.
- Please note this model does not include WiFi, emphasizing wired stability and security.

### Quality Assured

- Backed by BIS, RoHS, and ISO certifications, the Thinvent® Neo R/4 stands for quality, safety, 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     | 32 GB   |
| SSD Storage     | 256 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 | FreeDOS |
|------------------|---------|

## 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<br>DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4<br>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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