



# 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)

32GB MLC SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: R-I5\_12-16\_16-S32-12\_5-M-11V-0



Unleash Mighty Performance in a Minimal Footprint.

Experience unparalleled power and compact efficiency with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this powerhouse features an Intel® Core™ i5-1250P processor with 12 cores, clocking up to 4.4 GHz with a 12 MB cache, ensuring seamless multitasking and rapid application execution. Coupled with 8GB DDR4 RAM and a lightning-fast 512GB SSD, boot times are instant and data access is swift, making your workflow incredibly responsive.

### Operating System Excellence

Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Neo R/4 provides a secure, stable, and long-term supported platform, ideal for dedicated business applications and industrial deployments.

### Compact and Connected

Despite its incredibly small dimensions of 198mm × 200mm × 73mm and featherlight 110 grams weight, this Mini PC offers comprehensive connectivity. You get 2 USB 3.2 and 2 USB 2.0 ports, a Gigabit Ethernet port (1000 Mbps), dual-band Wi-Fi 5 (802.11ac) for flexible wireless networking, and essential display outputs including HDMI and VGA. Audio is covered with speaker out and mic in jacks.

### Built for Durability

The Neo R/4 is housed in robust, powder-coated black steel, designed for reliable operation in environments from 0°C to 40°C with 20% to 80% non-condensing humidity. It's certified with BIS, RoHS, and ISO standards, ensuring quality and compliance. The efficient 12V 7A adapter with a wide 100~275 Volts AC input and 2-meter cable provides versatile power.

This Mini PC redefines performance and reliability in a discreet, energy-efficient package.



# 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     | 32 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   | 5 Amps                                       |
| Power Input  | 100~240 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

### PRODUCT CODE

**R-i5\_12-[RAM]-[SSD]-12\_10-[Wireless]-[OS]-[Accessories]**

#### RAM

**4** = 4GB DDR4

**8** = 8GB DDR4

**16** = 16GB DDR4

**32** = 32GB DDR4

**32\_32** = 64GB  
DDR4 RAM (2 x  
32GB)

**16\_16** = 32GB  
DDR4 RAM (2 x  
16GB)

**8\_8** = 16GB DDR4  
RAM (2 x 8GB)

#### SSD

**m128** = 128GB

**m512** = 512GB

**S32** = 32GB MLC

**S256** = 256GB

**m256** = 256GB

**m1024** = 1TB

**S128** = 128GB

#### Wireless

**m** = Dual Band WiFi

**X** = No WiFi

#### OS

**DOS** = DOS

**11V** = Windows 11 IoT Value

**Thinux** = Thinux™ Embedded Linux

**W\_OS** = Without OS

**11P** = Windows 11 Pro

**U** = Ubuntu Linux

#### Accessories

**0** = None

**1S** = DB9 Serial

**Mo** = Wired Optical Scroll Mouse

**KM** = Keyboard and Mouse set

**MK** = Mechanical Keyboard

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