



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 8GB DDR4 RAM

## 256GB SSD

## No WiFi

## Windows 11 IoT Value

SKU: R-I5\_12-8-S256-12\_5-X-11V-0



Unleash Enterprise Power, Redefined in Miniature.

Experience unparalleled performance and reliability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding environments and critical applications, this compact powerhouse delivers desktop-level capabilities in a footprint designed for efficiency.

### Core Performance

- Driven by the Intel® Core™ i5-1250P processor, featuring 12 cores and a blistering 4.4 GHz max frequency, the Neo R/4 handles intensive multitasking and complex computations with ease. A substantial 12 MB cache ensures lightning-fast data access.

### Unrivalled Memory & Speed

- Boasting a massive 64GB DDR4 RAM, this Mini PC offers exceptional responsiveness, making it ideal for data-heavy applications, virtual environments, and seamless multi-application workflows. The 128GB SSD ensures rapid boot-ups and swift application loading, maximizing your productivity.

### Robust Connectivity & Durability

- Connect effortlessly with 2x USB 3.2 and 2x USB 2.0 ports, along with HDMI and VGA outputs for dual-display setups. A dedicated Gigabit Ethernet (1000 Mbps) port provides secure, high-speed wired networking, perfect for environments prioritizing stability and security. Crafted with a durable steel housing and power coating, the Neo R/4 is built to last, operating reliably between 0°C and 40°C.

### Secure & Stable Operating System

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Neo R/4 offers a secure, long-term supported platform tailored for embedded and industrial solutions, ensuring consistent performance and reduced maintenance.

### Dimensions & Certifications

- Compact at 198mm × 200mm × 73mm and weighing just 110 grams.
- Certified to BIS, RoHS, and ISO standards for quality and compliance.

The Thinvent® Neo R/4: where compact design meets uncompromising power.



# 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     | 8 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   | 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\_7-[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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