



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 8GB DDR4 RAM

## 256GB SSD

## No WiFi

## Windows 11 IoT Value



SKU: R-I5\_12L-8-S256-12\_5-X-11V-0

Industrial power, perfectly compact.

Meet the Neo R/4 Mini PC: the robust, reliable heart for your demanding applications. Engineered for environments where space is tight but performance is non-negotiable, this silent powerhouse delivers seamless operation day in, day out.

### Ideal for your critical operations

- Driving digital signage and interactive kiosks with flawless reliability.
- Powering point-of-sale systems and hospitality terminals with consistent speed.
- Acting as the central brain for automation, control systems, and thin client setups.
- Providing steadfast computing for industrial IoT gateways and edge processing.

### Why choose the Neo R/4?

- Unshakeable stability with a fanless, all-steel design built for 24/7 operation.
- Dual Gigabit LAN ports ensure robust, wired network connectivity for critical data.
- The efficiency of Windows 11 IoT provides a familiar, secure, and manageable platform.
- Its compact form factor fits anywhere, freeing up valuable space in control cabinets or behind displays.

Built to endure. Designed to perform. Choose Thinvent for a computing solution that just works, without compromise.



# 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 |
|---------|---|

### NETWORKING

|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### 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\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|             |                                                                                                 |                                                                                            |                       |                       |
|-------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4<br><b>64</b> = 64GB DDR4                                                    | <b>8</b> = 8GB DDR4                                                                        | <b>16</b> = 16GB DDR4 | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB<br><b>m32</b> = 32GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB           | <b>m256</b> = 256GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB |                       |                       |
| Wireless    | <b>m</b> = Dual Band WiFi                                                                       | <b>X</b> = No WiFi                                                                         |                       |                       |
| OS          | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux         |                       |                       |
| Accessories | <b>0</b> = None<br><b>1S</b> = DB9 Serial<br><b>Mo</b> = Wired Optical Scroll Mouse             | <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard                      |                       |                       |

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