



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 16GB DDR4 RAM

## 2TB SSD

## No WiFi

## Windows 11 Pro



SKU: R-I5\_12L-16-M2048-12\_5-X-11P-0

The Power of Twelve Cores, Packed for Performance.

### Engineered for Demanding Business Environments

Meet the Thinvent Neo R/4 Mini PC, your discreet powerhouse for industrial and commercial applications. This isn't just a compact computer; it's a robust solution built to drive efficiency where it matters most.

### Ideal for Rugged Use Cases

- Seamlessly integrates into digital signage, kiosks, and interactive displays for captivating customer experiences.
- Acts as a reliable core for point-of-sale systems and automation controls, ensuring smooth daily operations.

- Perfect for manufacturing floors and logistics hubs, where consistent performance in varied conditions is non-negotiable.

### Why Choose the Neo R/4

Forget bulky towers. This mini PC delivers serious processing muscle in an incredibly space-saving steel housing, freeing up your valuable workspace. Its rugged, industrial-grade build is designed for longevity, offering dependable service day in and day out. With dual LAN ports for robust network connectivity, it provides the stable, high-speed data backbone modern business applications require. Get the reliable, concentrated power you need without the clutter, and keep your critical processes running smoothly.



# 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     | 2048 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 Pro |
|------------------|--------------------------|

## Ordering Information

### PRODUCT CODE

**R-i5\_12l-[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>m1024</b> = 1TB                   |                       |
|             | <b>m512</b> = 512GB                     | <b>S32</b> = 32GB MLC                   | <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>110</b> = Windows 11 Professional    | <b>Thinix</b> = Thinix™ 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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