



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 Pro



SKU: R-I5\_14-32-M128-12\_5-X-11P-0

Unleash unparalleled performance in a palm-sized powerhouse.

Introducing the Thinvent® Neo R/4 Mini PC, engineered for peak productivity and robust reliability. This ultra-compact device packs an Intel® Core™ 5 120U processor (10 core, up to 5.0 GHz, 12 MB cache). Experience lightning-fast responsiveness and seamless multitasking for even the most demanding applications.

With massive 64GB DDR4 RAM, the Neo R/4 handles intensive workloads with ease, ideal for professional and advanced computing. The 128GB SSD ensures rapid boot-ups and swift application loading, maximizing your efficiency. With Windows 11 Pro pre-installed, enjoy enterprise-grade security and advanced productivity features.

Designed for stability and secure connectivity, this Mini PC features a dedicated Gigabit Ethernet port, ensuring a rock-solid network connection without wireless vulnerabilities. Versatile display options with dual HDMI and a VGA port support multiple monitors.

### Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)

- Memory: 64GB DDR4 RAM
- Storage: 128GB SSD for rapid access
- Operating System: Microsoft Windows 11 Pro
- Connectivity: Gigabit Ethernet (1000 Mbps), 2x USB 3.0, 2x USB 2.0
- Video Output: 2x HDMI, 1x VGA
- Audio: Speaker Out, Mic In
- Power Input: 12V 7A Adapter (DC), Wide AC input (100~275V, 50~60 Hz, 1.5A max)
- Power Cable Length: 2 Metre
- Operating Environment: 0°C ~ 40°C, 20% ~ 80% RH (non-condensing)
- Durability: Steel Housing with Power Coating (Black Finish)
- Certifications: BIS, RoHS, ISO compliant
- Dimensions: 198mm x 200mm x 73mm
- Weight: 110 grams

The Thinvent Neo R/4 Mini PC offers a powerful, dependable, and space-saving computing solution, perfectly crafted for performance where it matters most.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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|                 |        |
|-----------------|--------|
| Generation      | 14th   |
| Series          | i5     |
| Processor Brand | Intel  |
| Processor Model | 120U   |
| Cores           | 10     |
| Max Frequency   | 5 GHz  |
| Cache           | 12 MB  |
| Main Memory     | 32 GB  |
| SSD Storage     | 128 GB |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 2 |
| VGA  | 1 |

### AUDIO

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|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

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|         |   |
|---------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |

### NETWORKING

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|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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 | 1.23kg, 1.65kg        |

### OPERATING SYSTEM

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|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

| PRODUCT CODE  |  |
|---|--|
| <b>R-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| <b>RAM</b>  | <b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4<br><b>64</b> = 64GB DDR4   |
| <b>SSD</b>  | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><b>m1024</b> = 1TB <b>S32</b> = 32GB MLC<br><b>S128</b> = 128GB <b>S256</b> = 256GB      |
| <b>Wireless</b>   | <b>m</b> = Dual Band WiFi <b>X</b> = No WiFi   |
| <b>OS</b>   | <b>DOS</b> = DOS <b>W_OS</b> = Without OS<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux |
| <b>Accessories</b>  | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>1S</b> = DB9 Serial <b>MK</b> = Mechanical Keyboard<br><b>Mo</b> = Wired Optical Scroll Mouse                       |

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