



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 8GB DDR4 RAM

## 32GB MLC SSD

## No WiFi

## Windows 11 Pro

SKU: R-I5\_14-8-S32-12\_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 × 200mm × 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

|                 |       |
|-----------------|-------|
| Generation      | 14th  |
| Series          | i5    |
| Processor Brand | Intel |
| Processor Model | 120U  |
| Cores           | 10    |
| Max Frequency   | 5 GHz |
| Cache           | 12 MB |
| Main Memory     | 8 GB  |
| SSD Storage     | 32 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|         |   |
|---------|---|
| USB 3.0 | 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 | 1.23kg, 1.65kg        |

### OPERATING SYSTEM

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

## Ordering Information

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

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