



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: R-I5\_14-16-M128-12\_5-M-W\_OS-KM



Unleash Power in a Compact Form: The Thinvent® Neo R/4 Mini PC.

Experience exceptional performance and versatility with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and designed for your modern workspace, this compact powerhouse delivers the speed and responsiveness you need.

### Key Performance Pillars

- Processor: Intel® Core™ 5 120U delivers robust processing with 10 cores and a turbo boost up to 5.0 GHz, all supported by a 12 MB cache for seamless multitasking.
- Memory and Storage: 16GB DDR4 RAM ensures smooth operation, while the 128GB SSD provides rapid data access and quick boot times.

### Connectivity and Expansion

- Display Options: Connect to your displays with 2 HDMI ports and 1 VGA port, offering flexible setup possibilities.
- Audio and USB: Enjoy crystal-clear audio with a dedicated speaker out and mic in. Expand your peripherals with 2 USB 3.0 and 2 USB 2.0 ports.

- Network: Experience lightning-fast wired internet with 1000 Mbps Ethernet and reliable wireless connectivity with Dual Band Wi-Fi 5 (802.11ac).

### Built for Reliability and Convenience

- Power: The included 12V 7A adapter provides stable power, compatible with a wide input voltage range (100~275 Volts AC).
- Durable Design: Encased in a sleek black steel housing with a power coating finish, this Mini PC is built to last. Its compact dimensions (198mm x 200mm x 73mm) and incredibly light weight (110 grams) make it ideal for any setup.
- Included Peripherals: Get started immediately with the included Thinvent® Keyboard and Mouse set.
- Operating System: This model comes without an OS, giving you the freedom to install your preferred operating system.
- Environmental Compatibility: Operates efficiently within a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH, non-condensing.
- Certifications: Trust in quality with BIS, RoHS, and ISO certifications.



## 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     | 16 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | 1.74kg, 2.16kg        |

### ACCESSORIES

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|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

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|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## 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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