



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Without OS

SKU: R-I3\_13-16-M512-12\_5-M-W\_OS-0



Thinvent Neo R/4: Redefine desktop power in an impossibly small package.

Experience robust performance without the bulk with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and power, this compact powerhouse is perfect for office, home, or specialized applications, offering exceptional speed and versatility.

### Unrivalled Performance

- Experience seamless multitasking and responsive computing, driven by an Intel® Core™ i3-1315U processor with 6 cores and up to 4.5 GHz, featuring a 10 MB cache.
- Navigate demanding applications with ease thanks to 32GB of high-speed DDR4 RAM.
- Enjoy lightning-fast boot-ups and application loading from the durable 32GB MLC SSD, ideal for your preferred operating system.

### Seamless Connectivity

- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) or utilize the 1000 Mbps Ethernet for wired stability.
- Connect all your essential peripherals with 2 USB 3.2 and 2 USB 2.0 ports.

- Enhance your productivity with dual display support via HDMI and VGA outputs.
- Full audio connectivity is provided with integrated speaker out and mic in ports.

### Compact and Durable Design

- Fit this mini PC almost anywhere, measuring just 198mm x 200mm x 73mm and weighing a mere 110 grams.
- Benefit from long-lasting durability and a professional aesthetic, thanks to its robust steel housing with a sleek black powder coating.
- Operates reliably in temperatures from 0°C to 40°C and 20% ~ 80% non-condensing humidity.

### Flexible and Certified

- Gain the freedom to install your preferred operating system as it comes Without OS.
- Enjoy stable and reliable power from its 12V 7A adapter with a wide AC input range (100~275V).
- Rest assured of quality and compliance with BIS, RoHS, and ISO certifications.





## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 512 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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|         |   |
|---------|---|
| USB 3.2 | 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 | 1.52kg, 1.94kg        |

### OPERATING SYSTEM

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

## Ordering Information

| PRODUCT CODE  |  |
|---|--|
| <b>R-i3_13-[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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