



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 32GB DDR4 RAM

## 256GB SSD

## No WiFi

## Without OS

## DB9 Serial



SKU: R-I5\_13-32-M256-12\_5-X-W\_OS-1S

### Thinvent Neo R/4: Industrial Strength Meets Micro PC Agility.

Experience robust computing in an incredibly compact and durable form factor with the Thinvent® Neo R/4 Mini PC. Engineered for dedicated applications and demanding environments, this mini powerhouse delivers exceptional performance where reliability counts most.

#### Core Performance

- Powered by an Intel® Core™ i5-1335U processor, featuring 10 cores and clocking up to 4.6 GHz with a 12 MB cache, the Neo R/4 ensures seamless multitasking and efficient operation for your critical tasks.
- A responsive 4GB DDR4 RAM provides a solid foundation for your essential applications, while the 32GB MLC SSD offers rapid boot-ups and quick access to data, perfect for focused deployments.

#### Unmatched Connectivity & Durability

- Integrate effortlessly with essential peripherals using 2x USB 3.2 and 2x USB 2.0 ports.
- Critical for industrial and legacy systems, a dedicated DB9 male RS232 serial port ensures compatibility.

- Drive dual displays with HDMI and VGA outputs.
- Enjoy stable, high-speed networking via a 1000 Mbps Ethernet port, prioritizing wired reliability.
- Housed in robust, black powder-coated steel, this mini PC is built to endure, operating reliably from 0°C to 40°C.
- Weighing an astonishing 110 grams with dimensions of 198mm x 200mm x 73mm, it's designed for seamless integration into tight spaces.
- Power it reliably with a wide 100~275V AC input and a 12V 7A adapter through a 2-metre cable.

#### Flexible Deployment

- Without an included operating system, the Neo R/4 offers ultimate flexibility, allowing you to install the OS best suited for your specific application or embedded solution.
- Certified with BIS, RoHS, and ISO, ensuring quality and compliance for peace of mind.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 256 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                |
| Serial Port | 1 DB9 male RS232 |

### 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 | 1.52kg, 1.94kg        |

### OPERATING SYSTEM

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

## Ordering Information

| PRODUCT CODE  |  |
|---|--|
| <b>R-i5_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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