



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: R-I5\_13-16-S128-12\_5-M-11V-0



Unleash Mighty Performance in a Micro Footprint: The Thinvent® Neo R/4 Mini PC.

Experience unparalleled power and versatility with the Thinvent® Neo R/4, a revolutionary mini PC designed for peak performance in any environment. Its compact size belies its incredible capabilities, making it ideal for demanding tasks, industrial applications, or sophisticated edge computing.

### Performance Unleashed

- Drive intensive applications with the Intel® Core™ i5-1335U processor, boasting 10 cores and turbo speeds up to 4.6 GHz, backed by 12 MB cache for blazing-fast responsiveness.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring seamless transitions and smooth operation even with resource-heavy workloads.
- Boot in seconds and access your data at lightning speed thanks to the ultra-fast 512GB SSD.

### Seamless Integration

- Connect with confidence using dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet for robust network access.
- Versatile display options include HDMI and VGA outputs.
- Expand your peripherals with two USB 3.2 and two USB 2.0 ports, along with dedicated speaker out and mic in jacks.

- Powered by Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, it delivers enhanced security and optimized performance for specialized applications.

### Built for Reliability

- Its incredibly small form factor (198mm × 200mm × 73mm) and feather-light 110-gram weight allow for discreet placement anywhere.
- Encased in a durable, black power-coated steel housing, ensuring longevity and resilience in challenging conditions.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.

### Reliable Power, Global Ready

- Operates efficiently on a wide power input range (100-275V AC) with a reliable 12V 7A adapter and a 2-metre cable.
- Designed for continuous operation in temperatures from 0°C to 40°C and 20% to 80% RH, non-condensing.

Elevate your productivity and streamline your operations with the Thinvent® Neo R/4 – the ultimate compact powerhouse.





# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 128 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|         |   |
|---------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | 1.52kg, 1.94kg        |

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

| PRODUCT CODE                                           |                                                                                                 |                                                                                    |                                                                                        |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| R-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] |                                                                                                 |                                                                                    |                                                                                        |
| RAM                                                    | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                  | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)                     | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)<br><b>32</b> = 32GB DDR4 |
| SSD                                                    | <b>m128</b> = 128GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB      | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB                   |                                                                                        |
| Wireless                                               | <b>m</b> = Dual Band WiFi                                                                       | <b>X</b> = No WiFi                                                                 |                                                                                        |
| OS                                                     | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinux</b> = Thinux™ Embedded Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux |                                                                                        |
| Accessories                                            | <b>0</b> = None<br><b>1S</b> = DB9 Serial<br><b>Mo</b> = Wired Optical Scroll Mouse             | <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard              |                                                                                        |

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