



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: R-I3\_13-16\_16-M1024-12\_7-M-W\_OS-1S



Experience uncompromised performance in a remarkably compact form.

Introducing the Thinvent® Neo R/4 Mini PC, engineered for efficiency, versatility, and enduring reliability. This powerful mini PC redefines desktop computing, delivering robust performance without occupying valuable space, making it ideal for business, industrial, or space-constrained environments.

### Unrivalled Performance

Powered by the Intel® Core™ i3-1315U processor with 6 cores boosting up to 4.5 GHz and a 10 MB cache, the Neo R/4 handles demanding applications and multitasking with ease.

- Seamlessly run multiple programs with 16GB DDR4 RAM.
- Enjoy lightning-fast boot-ups and application loading from the spacious 512GB SSD.

### Exceptional Connectivity

Designed for maximum utility, the Neo R/4 ensures you stay connected and productive.

- Essential DB9 male RS232 serial port for legacy devices, POS systems, or industrial applications.
- Dual display support with 1 HDMI and 1 VGA port enhances your workspace.

- High-speed wired networking via 1000 Mbps Ethernet.
- Reliable dual-band Wi-Fi 5 (802.11ac) for flexible wireless connections.
- Four USB ports (2x USB 3.2, 2x USB 2.0) provide ample peripheral connectivity.
- Integrated speaker out and mic in for full audio functionality.

### Built to Endure

Crafted with a durable black steel housing finished with powder coating, this mini PC is built for longevity. Its ultra-compact dimensions (198mm × 200mm × 73mm) and incredibly light weight (110 grams) allow for discreet placement and easy integration. With a wide 100~275V AC power input and an operating temperature range of 0°C to 40°C, it's ready for diverse operational settings.

### Flexible & Compliant

The Thinvent Neo R/4 comes without an operating system, offering you the freedom to install your preferred OS. Rest assured with BIS, RoHS, and ISO certifications, guaranteeing quality and environmental responsibility. Discover the future of compact computing. Get your Thinvent Neo R/4 today!





# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 1024 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|             |                  |
|-------------|------------------|
| USB 3.2     | 2                |
| USB 2.0     | 2                |
| Serial Port | 1 DB9 male RS232 |

### NETWORKING

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

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 1.61kg, 2.03kg        |

### OPERATING SYSTEM

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

## Ordering Information

| PRODUCT CODE                                           |                                                                                                 |                                                                                    |                                                                                        |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| R-i3_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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