



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: R-I3\_12-64-M512-12\_5-M-U-KM



### Unleash Productivity in a Compact Powerhouse

The Thinvent® Neo R/4 Mini PC is your ultimate solution for efficient computing in a space-saving design. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores that turbocharge up to 4.4 GHz with a 10 MB cache, this mini PC handles multitasking and demanding applications with ease. Experience lightning-fast responsiveness thanks to 16GB of DDR4 RAM and a swift 128GB SSD, ensuring quick boot times and seamless file access.

#### Versatile Connectivity

Equipped with an array of ports including HDMI, VGA, 2 USB 3.2, 2 USB 2.0, and a 1000 Mbps Ethernet port, the Neo R/4 offers flexible connectivity options for all your peripherals and networking needs. Enjoy lag-free wireless experiences with its dual-band Wi-Fi.

#### Robust and Reliable

Built with a durable black steel housing finished with a power coating, this mini PC is designed for longevity. It operates efficiently within a 0°C to 40°C temperature range and comes with a 12V 7A adapter.

Pre-installed with the latest Ubuntu Linux 24.04 LTS, the Neo R/4 is ready to go right out of the box. It includes a Thinvent® Keyboard and Mouse set for immediate productivity.

#### Key Features

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 16GB DDR4 RAM
- Storage: 128GB SSD
- Display Outputs: 1 HDMI, 1 VGA
- Ports: 2 USB 3.2, 2 USB 2.0, 1 Ethernet (1000 Mbps), 1 Speaker Out, 1 Mic In
- Wireless: Dual Band Wi-Fi 5 (802.11ac)
- Operating System: Ubuntu Linux 24.04 LTS
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Power: 12V 7A Adapter



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 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
RS485 Option	1

### 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	2.11kg, 2.52kg

### ACCESSORIES

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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Operating System	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE	
<b>R-i3_12-[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 <b>64</b> = 64GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB <b>S32</b> = 32GB MLC <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 <b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro <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 <b>1S</b> = DB9 Serial <b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse

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