



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: R-I3\_12-32-M1024-12\_5-M-U-0



Unleash potent performance in a miniature footprint.

Introducing the Thinvent® Neo R/4 Mini PC: a powerhouse designed for efficiency and versatility. Experience lightning-fast responsiveness and seamless multitasking with its Intel® Core™ i3-1215U processor. This 6-core marvel, bursting up to 4.4 GHz with a 10 MB cache, ensures your applications run smoothly, from everyday tasks to demanding workloads. Paired with 8GB of swift DDR4 RAM and a rapid 128GB SSD, boot times are instant and data access is quicker than ever.

### Operating System Excellence

- Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and user-friendly computing environment without licensing fees. Benefit from open-source flexibility and robust privacy features.

### Connectivity & Display

- Connect effortlessly with dual-band Wi-Fi 5 (802.11ac) and a blazing 1000 Mbps Ethernet port.
- Expand your visual workspace with simultaneous HDMI and VGA outputs for dual monitor support.
- Stay connected with two USB 3.2 and two USB 2.0 ports, plus dedicated speaker and mic jacks.

### Built to Last

- Encased in a durable, power-coated black steel housing, the Neo R/4 is built for longevity.
- Its incredibly compact dimensions (198x200x73mm) and featherlight 110-gram design make it a discreet addition to any desk or setup.
- Designed for reliable operation in typical environments (0°C to 40°C), backed by BIS, RoHS, and ISO certifications.

Powering your productivity has never been this smart or compact.



# 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	32 GB
SSD Storage	1024 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	1.59kg, 2.01kg

### 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>64</b> = 64GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB <b>S128</b> = 128GB		<b>m256</b> = 256GB <b>m512</b> = 512GB <b>S32</b> = 32GB MLC <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>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>1S</b> = DB9 Serial <b>Mo</b> = Wired Optical Scroll Mouse		<b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard

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