



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 512GB SSD

## No WiFi

## Windows 11 Pro

## DB9 Serial



SKU: R-I3\_12-32-M512-12\_5-X-11P-1S

Thinvent® Neo R/4 Mini PC: Uncompromising Performance, Unbeatable Reliability, Unbelievably Compact.

Experience robust computing without the bulk. The Thinvent® Neo R/4 Mini PC is engineered for demanding tasks, offering powerful performance in a sleek, steel-clad design. Perfect for business, industrial, or specialized applications, it's your answer to reliable, high-speed operation.

### Core Power

- Driven by an Intel® Core™ i3-1215U processor with 6 cores, achieving speeds up to 4.4 GHz, it effortlessly handles multitasking and intensive applications.
- A 10 MB cache ensures swift data access, keeping your workflow smooth and responsive.

### Lightning-Fast Storage and Memory

- Boost your productivity with 4GB DDR4 RAM for efficient memory management.
- A 256GB SSD provides instantaneous boot times and rapid application loading, minimizing wait times.

### Essential Connectivity for Every Need

- Integrate legacy systems and industrial peripherals seamlessly with a dedicated DB9 serial port.
- Expand your visual workspace with dual display support via HDMI and VGA.
- Connect all your accessories with 2 USB 3.2 and 2 USB 2.0 ports.
- Ensure stable and secure networking with 1000 Mbps Gigabit Ethernet, ideal for environments prioritizing wired reliability.

### Built to Endure

- Housed in durable, black power-coated steel, the Neo R/4 is built for longevity.
- Weighing a mere 110 grams and certified with BIS, RoHS, and ISO, its quality and robustness are guaranteed.
- Operates reliably across a 0°C to 40°C temperature range.

### Modern Operating System

- Comes pre-installed with Microsoft Windows 11 Pro, offering enhanced security features and a productive user experience.



## 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	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
Serial Port	1 DB9 male RS232
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
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### 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	Microsoft Windows 11 Pro
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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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