



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 4GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: R-I3\_12-4-M512-12\_5-M-11V-0



### Unleash Enterprise Power in a Pocket-Sized PC.

Discover the Thinvent® Neo R/4 Mini PC, engineered for peak performance in a remarkably compact form factor. This powerful device is your ultimate solution for reliable, high-speed computing, perfectly suited for business applications, digital signage, and embedded systems.

#### Performance Prowess

- Driven by the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz with a 10 MB cache, the Neo R/4 delivers exceptional responsiveness and seamless multitasking.
- With 8GB DDR4 RAM, you'll experience smooth operation across demanding applications, while the 32GB MLC SSD ensures lightning-fast boot-ups and rapid data access for consistent productivity.

#### Seamless Integration and Connectivity

- Expand your workspace with dual display support via HDMI and VGA ports.
- Stay connected with robust Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac), ensuring reliable network access whether wired or wireless.
- A generous array of two USB 3.2 and two USB 2.0 ports provides ample connectivity for all your peripherals.

- Integrated speaker out and mic in capabilities offer comprehensive audio solutions.

#### Built for Reliability

- Housed in durable, black powder-coated steel, this Mini PC is designed for longevity and a professional aesthetic, operating reliably between 0°C and 40°C.
- Despite its robust construction, the Neo R/4 remains incredibly lightweight at just 110 grams and boasts a compact footprint of 198mm x 200mm x 73mm, offering unparalleled placement flexibility.
- Powering your operations efficiently is a 12V 7A adapter with a wide 100~275V AC input range, backed by a 2-metre cable.

#### Operating System Optimized for Business

- Pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value, the Thinvent® Neo R/4 provides a secure, stable, and long-term supported platform tailored for dedicated business applications.
- Benefit from industry-recognized quality and environmental compliance with BIS, RoHS, and ISO certifications.

Elevate your operational efficiency with the Thinvent® Neo R/4 – the mini PC that redefines powerful, compact computing.





# 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	4 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	1.59kg, 2.01kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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