



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Windows 11 Pro

## DB9 Serial

SKU: R-I3\_12-16-M1024-12\_5-M-11P-1S



### Thinvent® Neo R/4: Compact Power, Unrivaled Performance.

Experience robust computing in a remarkably small package with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and reliability, this mini marvel is your ideal solution for home, office, or specialized industrial applications.

#### Unleash Productivity

- Driven by an Intel® Core™ i3-1215U processor with 6 cores and up to 4.4 GHz, enjoy seamless multitasking and rapid application loading.
- 8GB DDR4 RAM ensures smooth operation, while the 128GB SSD delivers lightning-fast boot times and responsiveness.
- Pre-installed with Windows 11 Pro, you get a secure, modern, and powerful operating system right out of the box.

#### Connect with Ease

- Stay connected with fast dual-band Wi-Fi 5 and Gigabit Ethernet for high-speed networking and streaming.

- Dual display support via HDMI and VGA enhances your workspace, boosting productivity.
- A comprehensive array of USB 3.2 and 2.0 ports accommodates all your essential peripherals.
- Crucially, the integrated DB9 serial port makes it perfect for legacy systems, industrial control, and specialized hardware integration.

#### Designed for Durability

- Its incredibly compact dimensions (198mm x 200mm x 73mm) and featherlight 110-gram steel chassis ensure discreet placement and exceptional durability.
- Power coated in sleek black, it's built to last and certified for quality with BIS, RoHS, and ISO standards.

The Thinvent® Neo R/4 Mini PC combines powerful performance with an exceptionally small form factor and specialized connectivity, making it the smart choice for diverse computing needs.



## 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	16 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
Serial Port	1 DB9 male RS232
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 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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