



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Ubuntu Linux

## DB9 Serial

SKU: R-I3\_12-32-M256-12\_5-M-U-1S



Thinvent® Neo R/4: Unpack Power, Not Space.

Discover the ultimate blend of performance and portability with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency, this compact powerhouse is ideal for home, office, or industrial applications where space is at a premium but speed is non-negotiable.

### Unleash exceptional speed and responsiveness

- Powered by an Intel® Core™ i3-1215U processor featuring 6 cores and turbo speeds up to 4.4 GHz, backed by a generous 10 MB cache.
- Experience seamless multitasking with 4GB DDR4 RAM.

Enjoy lightning-fast boot-ups and application loading from the spacious 512GB SSD.

### Connect effortlessly to your world

- Integrated dual-band Wi-Fi 5 (802.11ac) ensures reliable wireless connectivity.
- Gigabit Ethernet provides ultra-fast wired networking.
- Versatile display options include HDMI and VGA.

- Expand your peripherals with 2x USB 3.2 and 2x USB 2.0 ports.
- A dedicated DB9 serial port (RS232) ensures compatibility with legacy industrial equipment.

### Benefit from a secure and stable platform

- Pre-installed with Ubuntu Linux 24.04 LTS for a powerful, open-source, and long-term supported computing experience.

### Designed for resilience and convenience

- Its incredibly lightweight 110-gram, steel housing with a durable powder-coated black finish offers robust protection in a miniature form factor (198mm x 200mm x 73mm).
- Certified with BIS, RoHS, and ISO standards, ensuring quality and environmental responsibility.
- Operates reliably in temperatures from 0°C to 40°C.

Thinvent® Neo R/4: Big on performance, small on footprint.



## 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	256 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	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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