



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## DOS

## DB9 Serial

SKU: R-I3\_13-16-M512-12\_5-M-DOS-1S



The future of compact computing is here.

Experience unparalleled performance and incredible versatility with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and built to last, this powerhouse in a tiny footprint is designed to elevate your productivity without cluttering your space.

### Performance Unleashed

Powered by the Intel® Core™ i3-1315U processor with 6 cores and a blazing 4.5 GHz max frequency, the Neo R/4 delivers smooth multitasking and rapid responsiveness for all your daily tasks and demanding applications. Its 10 MB cache ensures quick access to frequently used data, while 4GB of DDR4 RAM handles your applications with ease. Get lightning-fast boot-ups and rapid application loading thanks to the 32GB MLC SSD, providing durable and quick storage.

### Seamless Connectivity

This mini PC is a hub of comprehensive connectivity, ensuring you're always connected and productive.

- Enjoy fast and reliable wireless internet with dual-band Wi-Fi 5 (802.11ac).
- Access high-speed wired networking via the 1000 Mbps Ethernet port.

- Expand your visual workspace with dual display support through HDMI and VGA outputs.
- Connect all your essential peripherals with four USB ports (two USB 3.2 for fast transfers and two USB 2.0).
- The integrated DB9 serial port makes it perfect for industrial applications, legacy devices, or point-of-sale systems, offering unmatched versatility.

### Unmatched Design and Durability

Crafted from robust steel with a sleek black powder-coated finish, the Thinvent® Neo R/4 is built for endurance and a professional aesthetic.

- Weighing an astonishing 110 grams and measuring just 198mm x 200mm x 73mm, it redefines ultra-compact computing, freeing up valuable desk space.
- Designed to operate reliably in various professional environments, it boasts an operating temperature range of 0°C to 40°C and holds prestigious BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance.
- Supplied with FreeDOS, it offers you the complete flexibility to install your preferred operating system.





# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 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

### 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	1.52kg, 1.94kg

### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

### PRODUCT CODE

**R-i3\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<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>Thinux</b> = Thinux™ 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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