



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Ubuntu Linux

## DB9 Serial

SKU: R-15\_13-16-M1024-12\_5-M-U-1S



Thinvent® Neo R/4: Unleash Mighty Performance in a Mini Footprint.

### Unmatched Performance

Experience exceptional power with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this powerhouse features an Intel® Core™ i5-1335U processor with 10 cores, bursting up to 4.6 GHz, and a generous 12 MB cache for seamless multitasking and lightning-fast responsiveness. Paired with a massive 32GB DDR4 RAM and a swift 128GB SSD, your applications load instantly, ensuring a fluid workflow.

### Seamless Connectivity & OS

Connectivity is redefined with dual-band Wi-Fi 5 (802.11ac) for high-speed wireless networking, alongside a Gigabit Ethernet port for stable wired connections. The integrated DB9 RS232 serial port is perfect for industrial control, legacy peripherals, or specialized embedded applications. Expand your workspace with dual display support via HDMI and VGA, and connect all your essential devices, including audio peripherals, with two USB 3.2 and two USB 2.0 ports. Pre-installed with Ubuntu Linux 24.04 LTS, the Neo R/4 offers a secure, stable, and highly customizable operating environment, ideal for developers, businesses, and power users.

### Robust Design & Reliability

Housed in a durable, powder-coated black steel chassis, this mini PC measures a mere 198mm x 200mm x 73mm and weighs only 110 grams. This makes it incredibly space-efficient and robust for continuous operation in environments from 0°C to 40°C. Built to last and certified with BIS, RoHS, and ISO standards, the Thinvent® Neo R/4 delivers enterprise-grade reliability in a surprisingly small form factor. Its 12V 7A adapter ensures consistent power delivery from 100~275 Volts AC.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 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

### 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	Ubuntu Linux 24.04 LTS
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## Ordering Information

### PRODUCT CODE

**R-i5\_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>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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