



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 8GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## DOS

## DB9 Serial

SKU: R-I5\_13-8-M128-12\_5-M-DOS-1S



Experience unparalleled power in a remarkably compact design.

The Thinvent® Neo R/4 Mini PC redefines efficiency, delivering robust desktop performance without the bulk. Engineered for speed and versatility, this mini powerhouse is ideal for diverse applications, from intensive office productivity to specialized industrial control.

### Unrivaled Performance

- Harness the raw processing power of the Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz, backed by a generous 12 MB cache for seamless multitasking and demanding applications.
- Experience lightning-fast responsiveness with an astounding 64GB of DDR4 RAM, ensuring smooth operation even with the most intensive workloads.
- Benefit from rapid boot times and quick application loading thanks to the integrated 32GB MLC SSD.

### Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) for reliable, high-speed wireless networking.

- Connect essential peripherals with two USB 3.2 and two USB 2.0 ports.
- Versatile display options include HDMI and VGA outputs.
- A dedicated DB9 male RS232 serial port ensures compatibility with legacy devices and specialized industrial equipment.
- Enjoy stable, gigabit-speed internet with the 1000 Mbps Ethernet port.

### Robust Design & Flexibility

- Housed in a durable, black powder-coated steel chassis, the Neo R/4 is built to last, yet incredibly lightweight at just 110 grams.
- Its ultra-compact dimensions (198mm × 200mm × 73mm) allow for discreet placement in any environment.
- Comes with FreeDOS, offering you the freedom to install your preferred operating system.
- Certified with BIS, RoHS, and ISO for quality and compliance.

Discover the Thinvent® Neo R/4 Mini PC – where power meets portability.



# 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	8 GB
SSD Storage	128 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	
<b>R-i5_13-[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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