

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 8GB DDR4 RAM

## 512GB SSD

## No WiFi

## Without OS

## DB9 Serial



SKU: [R-I5\\_13-8-M512-12\\_5-X-W\\_OS-1S](#)

### Thinvent Neo R/4: Industrial Strength Meets Micro PC Agility.

Experience robust computing in an incredibly compact and durable form factor with the Thinvent® Neo R/4 Mini PC. Engineered for dedicated applications and demanding environments, this mini powerhouse delivers exceptional performance where reliability counts most.

#### Core Performance

- Powered by an Intel® Core™ i5-1335U processor, featuring 10 cores and clocking up to 4.6 GHz with a 12 MB cache, the Neo R/4 ensures seamless multitasking and efficient operation for your critical tasks.
- A responsive 4GB DDR4 RAM provides a solid foundation for your essential applications, while the 32GB MLC SSD offers rapid boot-ups and quick access to data, perfect for focused deployments.

#### Unmatched Connectivity & Durability

- Integrate effortlessly with essential peripherals using 2x USB 3.2 and 2x USB 2.0 ports.
- Critical for industrial and legacy systems, a dedicated DB9 male RS232 serial port ensures compatibility.

- Drive dual displays with HDMI and VGA outputs.
- Enjoy stable, high-speed networking via a 1000 Mbps Ethernet port, prioritizing wired reliability.
- Housed in robust, black powder-coated steel, this mini PC is built to endure, operating reliably from 0°C to 40°C.
- Weighing an astonishing 110 grams with dimensions of 198mm × 200mm × 73mm, it's designed for seamless integration into tight spaces.
- Power it reliably with a wide 100~275V AC input and a 12V 7A adapter through a 2-metre cable.

#### Flexible Deployment

- Without an included operating system, the Neo R/4 offers ultimate flexibility, allowing you to install the OS best suited for your specific application or embedded solution.
- Certified with BIS, RoHS, and ISO, ensuring quality and compliance for peace of mind.



## 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	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
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### 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	Without OS
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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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