

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## Ubuntu Linux

## DB9 Serial



SKU: R-I5\_13-16-M1024-12\_5-X-U-1S

Unleash unparalleled performance in a compact, secure, and robust package.

Discover the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks and specialized environments. Powered by an Intel® Core™ i5-1335U processor with 10 cores and speeds up to 4.6 GHz, alongside a massive 64GB DDR4 RAM, this Mini PC delivers exceptional power for complex applications, virtualization, and multitasking without compromise. Its 32GB MLC SSD ensures rapid boot times and industrial-grade reliability, critical for continuous operation.

### Built for specific needs

- Pre-installed Ubuntu Linux 24.04 LTS offers a stable, secure, and customizable open-source platform.
- The dedicated DB9 Serial port provides essential connectivity for industrial equipment and legacy systems.
- No WiFi enhances security, focusing on robust wired networking via its 1000 Mbps Ethernet.

- Durable steel housing with a power-coated black finish ensures longevity and a professional aesthetic, all within a remarkably lightweight 110-gram, compact form factor (198mm × 200mm × 73mm).

### Connectivity & Reliability

- Flexible display options: 1 HDMI, 1 VGA.
- Comprehensive I/O: 2 USB 3.2 ports, 2 USB 2.0 ports, 1 Speaker Out, 1 Mic In.
- Wide input power: 100~275V AC compatibility with a 2-meter cable.
- Certified for quality and compliance: BIS, RoHS, ISO.
- Operates reliably between 0°C and 40°C, 20% ~ 80% RH non-condensing.

The Thinvent Neo R/4 is your reliable solution for industrial control, dedicated servers, or secure workstation deployments.



## 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
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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	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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