

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 4GB DDR4 RAM

## 128GB SSD

## No WiFi

## DOS

## DB9 Serial



SKU: R-I5\_13-4-M128-12\_5-X-DOS-1S

### Unleash Robust Performance in a Compact, Industrial-Ready Package.

The Thinvent® Neo R/4 Mini PC redefines efficiency, packing serious computing power into a footprint designed for demanding environments. Engineered for reliability and performance, this mini PC is your steadfast solution for critical applications.

#### Exceptional Performance

Experience lightning-fast responsiveness with the Intel® Core™ i5-1335U processor, featuring 10 cores and clock speeds up to 4.6 GHz, backed by a generous 12 MB cache. Tackle intensive multitasking and complex operations effortlessly with 32GB DDR4 RAM. Boot in seconds and access data at remarkable speeds thanks to the spacious 128GB SSD.

#### Versatile Connectivity

Designed for unwavering wired reliability, the Neo R/4 provides robust Gigabit Ethernet connectivity. Its dedicated DB9 serial port is essential for industrial control, legacy systems, and specialized peripherals, ensuring seamless integration into diverse setups.

- Comprehensive port selection includes:

- 1 HDMI port
- 1 VGA port
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- Speaker Out and Mic In for audio needs

#### Built for Endurance

Encased in a durable, powder-coated steel housing, this Mini PC is engineered to withstand rigorous use, operating reliably from 0°C to 40°C. Its ultra-compact dimensions (198mm x 200mm x 73mm) and incredibly light weight (110 grams) ensure easy integration into any space. Power it confidently with a wide-range 100~275V AC input.

#### Operating System

- Ships with FreeDOS, providing a flexible base for customized software solutions.

#### Certified Reliability

Rest assured with quality and compliance, certified by

- BIS
- RoHS
- ISO



# 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	4 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
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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	FreeDOS
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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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