



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 256GB SSD

## No WiFi

## DOS



SKU: R-I5\_12-4-M256-12\_5-X-DOS-0

Unleash Unrivaled Performance in a Miniature Powerhouse.

The Thinvent® Neo R/4 Mini PC redefines compact computing, delivering desktop-grade power in a remarkably small footprint. Engineered for demanding tasks, this Mini PC is your ideal solution for business, education, or specialized industrial applications where performance and reliability are paramount.

### Performance Unleashed

- Experience lightning-fast operations with the Intel® Core™ i5-1250P processor. Its 12 cores, clocking up to 4.4 GHz with a substantial 12 MB cache, effortlessly handle intensive multitasking and complex applications.
- Boasting a generous 32GB DDR4 RAM, the Neo R/4 ensures seamless transitions between applications and smooth execution of even the most memory-hungry software.
- A rapid 512GB SSD guarantees instant boot-ups and incredibly fast file access, maximizing your productivity.

### Connectivity and Versatility

- Expand your workspace with dual display support via HDMI and VGA ports.
- Connect all your essential peripherals with two USB 3.2 and two USB 2.0 ports.
- Enjoy stable, high-speed networking with a dedicated 1000 Mbps Ethernet port, perfect for environments requiring secure and consistent wired connections.

- Integrated speaker out and mic in ports provide comprehensive audio capabilities.

### Designed for Durability

- Housed in robust steel with a sleek black power-coated finish, the Neo R/4 is built to last.
- Its compact dimensions (198mm x 200mm x 73mm) and incredibly light 110-gram design ensure easy integration into any setup, while the wide voltage range (100-275V AC) adapter offers global compatibility.
- Operating reliably from 0°C to 40°C with 20% to 80% RH humidity, it's ready for diverse environments.

### Optimal Control

- Shipped with FreeDOS, this system provides a clean slate for your preferred operating system or specialized software, offering ultimate customization without pre-installed bloatware.
- Please note this model does not include WiFi, emphasizing wired stability and security.

### Quality Assured

- Backed by BIS, RoHS, and ISO certifications, the Thinvent® Neo R/4 stands for quality, safety, and environmental responsibility.





# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	256 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

### 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	1.62kg, 2.04kg

### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

### PRODUCT CODE

**R-i5\_12-[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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