



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 64GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: R-I5\_12-64-S32-12\_5-M-11V-0



Unleash Mighty Performance in a Minimal Footprint.

Experience unparalleled power and compact efficiency with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this powerhouse features an Intel® Core™ i5-1250P processor with 12 cores, clocking up to 4.4 GHz with a 12 MB cache, ensuring seamless multitasking and rapid application execution. Coupled with 8GB DDR4 RAM and a lightning-fast 512GB SSD, boot times are instant and data access is swift, making your workflow incredibly responsive.

### Operating System Excellence

Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Neo R/4 provides a secure, stable, and long-term supported platform, ideal for dedicated business applications and industrial deployments.

### Compact and Connected

Despite its incredibly small dimensions of 198mm x 200mm x 73mm and featherlight 110 grams weight, this Mini PC offers comprehensive connectivity. You get 2 USB 3.2 and 2 USB 2.0 ports, a Gigabit Ethernet port (1000 Mbps), dual-band Wi-Fi 5 (802.11ac) for flexible wireless networking, and essential display outputs including HDMI and VGA. Audio is covered with speaker out and mic in jacks.

### Built for Durability

The Neo R/4 is housed in robust, powder-coated black steel, designed for reliable operation in environments from 0°C to 40°C with 20% to 80% non-condensing humidity. It's certified with BIS, RoHS, and ISO standards, ensuring quality and compliance. The efficient 12V 7A adapter with a wide 100~275 Volts AC input and 2-meter cable provides versatile power.

This Mini PC redefines performance and reliability in a discreet, energy-efficient package.



## 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	64 GB
SSD Storage	32 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
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	1.62kg, 2.04kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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