

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 32GB DDR4 RAM

## 512GB SSD

## No WiFi

## Windows 11 IoT Value

SKU: R-I5\_12-32-M512-12\_5-X-11V-0



Unleash Enterprise Power, Redefined in Miniature.

Experience unparalleled performance and reliability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding environments and critical applications, this compact powerhouse delivers desktop-level capabilities in a footprint designed for efficiency.

### Core Performance

- Driven by the Intel® Core™ i5-1250P processor, featuring 12 cores and a blistering 4.4 GHz max frequency, the Neo R/4 handles intensive multitasking and complex computations with ease. A substantial 12 MB cache ensures lightning-fast data access.

### Unrivaled Memory & Speed

- Boasting a massive 64GB DDR4 RAM, this Mini PC offers exceptional responsiveness, making it ideal for data-heavy applications, virtual environments, and seamless multi-application workflows. The 128GB SSD ensures rapid boot-ups and swift application loading, maximizing your productivity.

### Robust Connectivity & Durability

- Connect effortlessly with 2x USB 3.2 and 2x USB 2.0 ports, along with HDMI and VGA outputs for dual-display setups. A dedicated Gigabit Ethernet (1000 Mbps) port provides secure, high-speed wired networking, perfect for environments prioritizing stability and security. Crafted with a durable steel housing and power coating, the Neo R/4 is built to last, operating reliably between 0°C and 40°C.

### Secure & Stable Operating System

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Neo R/4 offers a secure, long-term supported platform tailored for embedded and industrial solutions, ensuring consistent performance and reduced maintenance.

### Dimensions & Certifications

- Compact at 198mm x 200mm x 73mm and weighing just 110 grams.
- Certified to BIS, RoHS, and ISO standards for quality and compliance.

The Thinvent® Neo R/4: where compact design meets uncompromising power.



## 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	32 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

### 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	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			

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

