



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 32GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

## Thinvent Keyboard and Mouse set

SKU: R-I5\_12L-32-M512-12\_7-M-11V-KM



Unleash powerhouse performance in a footprint that defies its size.

Introducing the Thinvent® Neo R/4 Mini PC, where immense capability meets minimalist design. This compact industrial computer is engineered to be the silent, robust nerve centre for your most demanding applications, from the factory floor to the digital signage network.

### Why the Neo R/4 is your next smart investment

#### Uncompromising reliability for mission-critical tasks

- Built with industrial-grade components in a rugged steel chassis, it thrives in challenging environments where ordinary PCs fail.
- Its dual Gigabit LAN ports ensure unwavering, high-speed network connectivity for seamless data transfer and control.
- Pre-installed Windows 11 IoT provides a stable, secure, and long-term platform for your specialised software.

#### Maximum versatility in minimal space



- The ultra-compact form factor installs effortlessly anywhere, freeing up valuable workspace and simplifying integration into kiosks, machinery, or retail displays.
- With comprehensive connectivity including dual-band Wi-Fi, it seamlessly interfaces with a vast array of peripherals and legacy systems.
- The included keyboard and mouse set means it's ready to deploy straight out of the box, minimising setup time and getting you operational faster.

#### Engineered for efficiency and future-readiness

- The advanced processor architecture delivers exceptional multitasking power for smooth operation of complex applications without lag or downtime.
- Its energy-efficient design reduces operational costs and heat output, contributing to a cooler, more reliable system over the long term.
- This is a solution built not just for today's challenges, but for the evolving demands of tomorrow's industrial landscape.

## 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
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### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

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DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	2.23kg, 2.65kg

### ACCESSORIES

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE	
<b>R-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<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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