



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 4GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 Pro

## DB9 Serial



SKU: R-I5\_12L-4-M128-12\_7-X-11P-1S

The Unshakeable Core of Your Industrial Edge: Introducing the Thinvent® Neo R/4 Mini PC. This robust, compact powerhouse is engineered to thrive where others falter, delivering unwavering performance in demanding environments.

### Why the Neo R/4 is Your Essential Partner

#### Uncompromising Reliability for Critical Operations

- Its industrial-grade build and 12th Gen Intel® Core™ processing muscle ensure smooth, fault-resistant operation for automation, control systems, and digital signage.
- Dual Gigabit Ethernet ports provide essential network redundancy and connectivity for machine-to-machine communication.

#### Designed for Seamless Integration

- The dedicated DB9 serial port connects effortlessly to legacy machinery, POS systems, and specialised industrial equipment without clumsy adapters.

- Its compact, steel housing and wide voltage input allow for flexible, space-saving deployment almost anywhere on your shop floor or facility.

#### Pure, Purpose-Built Performance

- Running Windows 11 Pro, it offers a familiar, secure platform for your specialised software, free from the bloat of consumer-grade hardware.
- This is a focused workhorse, built for 24/7 reliability, not distractions. It provides the steadfast computing foundation your industrial applications demand.



# 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	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
Serial Port	1 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### 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	1.72kg, 2.13kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 Pro
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## Ordering Information

### PRODUCT CODE

**R-i5\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>64</b> = 64GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB <b>S128</b> = 128GB		<b>m256</b> = 256GB <b>m512</b> = 512GB <b>S32</b> = 32GB MLC <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>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux	
<b>Accessories</b>	<b>0</b> = None <b>1S</b> = DB9 Serial <b>Mo</b> = Wired Optical Scroll Mouse		<b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard	

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