



# Thinvent Neo R/4 Mini PC

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Without OS

SKU: R-I7\_12L-16-M512-12\_7-M-W\_OS-0



Unleash powerful performance in a palm-sized powerhouse.

### Engineered for demanding professionals

The Thinvent® Neo R/4 is where serious computing meets remarkable space-saving design. This compact unit delivers robust, reliable power for a multitude of industrial and commercial applications, ensuring your operations never miss a beat.

### Key Benefits

- **Uncompromising Reliability:** Built with industrial-grade steel, the Neo R/4 is engineered for 24/7 operation in diverse environments, from the shop floor to the digital signage network.
- **Connectivity at its Core:** With dual Gigabit LAN ports, you gain unparalleled network flexibility and redundancy for critical data transfer and network management tasks.
- **Silent and Efficient Operation:** A fanless design means zero noise, minimal dust intake, and reduced maintenance, making it perfect for quiet offices, retail spaces, or control rooms.

- **Maximum Deployment Flexibility:** Its ultra-compact form factor allows installation virtually anywhere—behind monitors, under desks, or mounted discreetly out of sight.
- **Ready for Your Vision:** Supplied without an operating system, it offers complete freedom to install your preferred software platform, from Linux distributions to a tailored Windows environment.

### Perfect for

- Digital signage and interactive kiosks
- Industrial automation and control systems
- Thin client and virtual desktop infrastructure (VDI)
- Network security appliances and firewalls
- Edge computing and IoT gateways

Choose the Thinvent Neo R/4 Mini PC. It's the robust, adaptable, and professional-grade computing solution that works tirelessly so your business can thrive.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	16 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
RS485 Option	1

### 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	1.72kg, 2.13kg

### OPERATING SYSTEM

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Operating System	Without OS
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## Ordering Information

### PRODUCT CODE

**R-i7\_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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