

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

**32GB DDR4 RAM**

**512GB SSD**

**No WiFi**

**DOS**



SKU: R-I5\_14-32-M512-12\_5-X-DOS-0

## Unleash Compact Power: The Thinvent® Neo R/4 Mini PC.

Experience unparalleled performance in a compact form with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, its Intel® Core™ 5 120U processor, with 10 cores and up to 5.0 GHz turbo frequency (12 MB cache), delivers lightning-fast processing for seamless multitasking and robust application handling.

### Key Performance Features

- Blazing-fast Intel® Core™ 5 120U processor
- 10 processing cores for superior multitasking
- Up to 5.0 GHz max frequency for demanding workloads
- 12 MB cache for quick data access
- 8GB DDR4 RAM ensures smooth operation
- 256GB SSD for rapid boot times and instant application loading

### Connectivity and Versatility

Transform your workspace with extensive connectivity. The Neo R/4 supports versatile display setups and offers essential ports for all your peripherals.

### Connectivity Highlights

- Dual HDMI and one VGA port for multi-monitor productivity
- Two USB 3.0 and two USB 2.0 ports for diverse peripheral support
- Dedicated Speaker Out and Mic In ports
- Gigabit Ethernet (1000 Mbps) for stable, high-speed wired networking

### Durable Design and Flexibility

Crafted for durability and a professional aesthetic, this mini PC boasts a robust steel housing with a sleek black powder coating. Its ultra-compact design (just 110 grams) ensures a minimal desk footprint. Pre-installed with FreeDOS, it gives you the freedom to choose your preferred operating system.

### Product Specifications

- Dimensions: 198mm x 200mm x 73mm
- Weight: 110 grams
- Housing: Steel with Black Powder Coating
- Operating System: FreeDOS (No WiFi)
- Certifications: BIS, RoHS, ISO



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

### DISPLAY

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HDMI	2
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.0	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	1.23kg, 1.65kg

### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE	
<b>R-i5_14-[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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