

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB SSD

## No WiFi

## Without OS



SKU: R-I5\_14-16-M32-12\_5-X-W\_OS-0

Thinvent Neo R/4: Compact Powerhouse, Engineered for Excellence.

Unleash exceptional performance with the Thinvent® Neo R/4 Mini PC, designed for demanding tasks in a remarkably small footprint. Featuring an advanced 10-core Intel® Core™ 5 120U processor, experience lightning-fast speeds up to 5.0 GHz and a 12 MB cache for seamless multitasking and responsive applications.

### Core Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz)
- Cache: 12 MB
- Main Memory: 8GB DDR4 RAM for smooth operation
- SSD Storage: 32GB MLC SSD for rapid boot times and quick application loading

### Connectivity and Display

- Display Outputs: Drive up to three screens simultaneously with 2 HDMI and 1 VGA port, perfect for enhanced productivity.
- USB Ports: 2 USB 3.0 and 2 USB 2.0 ports for versatile peripheral connections.
- Audio: Dedicated Speaker Out and Mic In for full audio capabilities.

- Network: Enjoy a stable and secure Gigabit Ethernet (1000 Mbps) connection, ideal for critical operations where wired reliability is paramount.

### Design and Durability

- Housing: Crafted from robust steel with a professional power-coated black finish, ensuring durability and a sleek aesthetic.
- Dimensions: Ultra-compact at 198mm × 200mm × 73mm.
- Weight: Remarkably lightweight at just 110 grams, facilitating easy deployment and mounting.
- Power: Energy-efficient 12V 7A DC power adapter with a wide 100~275V AC input range and a generous 2-metre cable.

### Operational Flexibility

- Operating System: Ships Without OS, giving you the freedom to install your preferred operating system and customize your setup.
- Reliability: Built for consistent performance in temperatures from 0°C to 40°C.
- Certifications: Proudly BIS, RoHS, and ISO certified, guaranteeing quality, safety, and environmental compliance.



# 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	16 GB
SSD Storage	32 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	Without OS
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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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