



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: R-I5\_14-16-M512-12\_5-M-W\_OS-KM



Unleash Power in a Compact Form: The Thinvent® Neo R/4 Mini PC.

Experience exceptional performance and versatility with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and designed for your modern workspace, this compact powerhouse delivers the speed and responsiveness you need.

### Key Performance Pillars

- Processor: Intel® Core™ 5 120U delivers robust processing with 10 cores and a turbo boost up to 5.0 GHz, all supported by a 12 MB cache for seamless multitasking.
- Memory and Storage: 16GB DDR4 RAM ensures smooth operation, while the 512GB SSD provides rapid data access and quick boot times.

### Connectivity and Expansion

- Display Options: Connect to your displays with 2 HDMI ports and 1 VGA port, offering flexible setup possibilities.
- Audio and USB: Enjoy crystal-clear audio with a dedicated speaker out and mic in. Expand your peripherals with 2 USB 3.0 and 2 USB 2.0 ports.

- Network: Experience lightning-fast wired internet with 1000 Mbps Ethernet and reliable wireless connectivity with Dual Band Wi-Fi 5 (802.11ac).

### Built for Reliability and Convenience

- Power: The included 12V 7A adapter provides stable power, compatible with a wide input voltage range (100~275 Volts AC).
- Durable Design: Encased in a sleek black steel housing with a power coating finish, this Mini PC is built to last. Its compact dimensions (198mm x 200mm x 73mm) and incredibly light weight (110 grams) make it ideal for any setup.
- Included Peripherals: Get started immediately with the included Thinvent® Keyboard and Mouse set.
- Operating System: This model comes without an OS, giving you the freedom to install your preferred operating system.
- Environmental Compatibility: Operates efficiently within a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH, non-condensing.
- Certifications: Trust in quality with BIS, RoHS, and ISO certifications.



## 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	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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### 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	1.74kg, 2.16kg

### ACCESSORIES

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Keyboard and Mouse	1
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### 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>64</b> = 64GB DDR4		<b>32</b> = 32GB 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>Thinux</b> = Thinux™ 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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