



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 8GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: R-I5\_14-8-M128-12\_5-M-11V-0



Unleash unparalleled power in an incredibly compact form factor.

Thinvent® Neo R/4 Mini PC: Your Command Centre, Reimagined

Experience the ultimate blend of high performance and remarkable portability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this compact powerhouse fits seamlessly into any environment, from busy offices to specialized industrial settings.

### Unrivalled Performance

- Driven by the Intel® Core™ 5 120U processor, featuring 10 cores and speeds up to 5.0 GHz with a 12 MB cache, it effortlessly handles intensive applications and complex multitasking.
- 16GB DDR4 RAM ensures buttery-smooth operation, even with multiple programs running simultaneously.
- A 128GB SSD delivers lightning-fast boot times and instant application loading, significantly boosting your productivity.

### Enterprise-Grade Reliability

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering advanced security features, long-term support, and tailored IoT capabilities for specialized applications.

- Robust steel housing with a durable powder-coated black finish ensures exceptional longevity.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and compliance.

### Comprehensive Connectivity & Design

- Dual HDMI and a VGA port support versatile triple display setups for expansive workspaces.
- Four USB ports (2x USB 3.0, 2x USB 2.0) provide ample connectivity for all your peripherals.
- Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac) ensure reliable, high-speed networking.
- Exceptionally compact at 198mm x 200mm x 73mm and weighing a mere 110 grams, it's designed for space efficiency without compromise.
- Operates reliably in temperatures from 0°C to 40°C, making it suitable for diverse operational settings.





## 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	8 GB
SSD Storage	128 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	1.23kg, 1.65kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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>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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