



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

**4GB DDR4 RAM**

**256GB SSD**

**Dual Band WiFi**

**Windows 11 Pro**

SKU: R-I5\_14-4-S256-12\_5-M-11P-0



Unleash Mighty Performance in a Mini Footprint.

Experience the perfect blend of power, precision, and portability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this compact powerhouse redefines efficiency for your home or business.

### Unrivaled Performance

- Harness the exceptional processing prowess of the Intel® Core™ 5 120U processor, featuring 10 cores and bursting up to 5.0 GHz with a 12 MB cache for seamless multitasking and lightning-fast responsiveness.
- Multitask effortlessly with 16GB DDR4 RAM.
- Enjoy instant boot-ups and rapid application loading thanks to the swift 256GB SSD.
- Elevate your productivity and security with the pre-installed Microsoft Windows 11 Pro.

### Comprehensive Connectivity

- Drive up to three displays simultaneously with 2 HDMI and 1 VGA port, expanding your visual workspace.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a blazing 1000 Mbps Ethernet port.

- Connect all your peripherals with 2 USB 3.0 and 2 USB 2.0 ports.
- Integrate your audio setup seamlessly with dedicated speaker out and mic in jacks.

### Compact & Robust Design

- Revolutionize your workspace with its incredibly compact dimensions of 198mm x 200mm x 73mm and a featherlight weight of just 110 grams.
- Built to last, its durable steel housing with a sleek black powder coating ensures longevity and a professional aesthetic.
- Designed for continuous operation, it performs reliably across an operating temperature range of 0°C to 40°C and 20% to 80% RH non-condensing humidity.
- Trust in its quality, backed by BIS, RoHS, and ISO certifications.

### Efficient Power

- Powered by a stable 12V 7A adapter, compatible with a wide 100~275V AC input range.



## 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	4 GB
SSD Storage	256 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 Pro
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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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