

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

**64GB DDR4 RAM**

**512GB SSD**

**No WiFi**

**Ubuntu Linux**



SKU: R-I5\_14-64-M512-12\_5-X-U-0

Thinvent Neo R/4: Compact Power, Uncompromising Performance.

Unleash a new era of productivity with the Thinvent® Neo R/4 Mini PC. Expertly engineered to deliver robust computing power in an ultra-compact design, this Mini PC is the ideal solution for professionals, businesses, and power users demanding efficiency without compromise.

### Core Performance Redefined

**Experience lightning-fast responsiveness and seamless multitasking driven by the advanced Intel® Core™ 5 120U processor, featuring**

- Ten high-performance cores
- A scorching 5.0 GHz maximum turbo frequency
- A substantial 12 MB cache for rapid data access

Bolstered by 16GB of DDR4 RAM, the Neo R/4 handles demanding applications with ease, ensuring a smooth and fluid workflow. Boot up in seconds and access your crucial data at unparalleled speeds thanks to the integrated 256GB SSD storage.

### Optimized for Productivity and Connectivity

**Pre-installed with Ubuntu Linux 24.04 LTS, you benefit from**

- A highly secure and stable open-source operating system
- Long-term support for reliability

### Freedom from licensing costs

Enhance your workspace with flexible display options, including two HDMI and one VGA output, supporting up to three independent screens for ultimate multitasking. Connect all your essential peripherals with two USB 3.0 and two USB 2.0 ports. For consistent, high-speed networking, a 1000 Mbps Ethernet port ensures a robust wired connection, perfect for critical business operations or high-bandwidth tasks. Integrated speaker out and mic in ports provide full audio capabilities.

### Designed for Any Environment

The Thinvent Neo R/4 is crafted for durability and discretion. Its sleek black, powder-coated steel housing measures a mere 198mm x 200mm x 73mm and weighs an astonishing 110 grams, making it incredibly easy to integrate or mount anywhere. Powered by an energy-efficient 12V 7A adapter with wide 100~275V AC input, it's ready for global deployment.

### Assured Quality and Reliability

- Certified with BIS, RoHS, and ISO standards for peace of mind.
- Engineered for reliable operation in temperatures from 0°C to 40°C and 20% to 80% non-condensing humidity.



## 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	64 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	Ubuntu Linux 24.04 LTS
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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>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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