

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## No WiFi

## Ubuntu Linux

## DB9 Serial

SKU: R-I5\_14-64-M512-12\_5-X-U-1S



Unleash unparalleled performance in a compact footprint.

Experience the future of efficient computing with the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks and industrial reliability. This robust mini PC is your ideal solution for kiosks, digital signage, office productivity, and specialized applications where stability and direct connectivity are paramount.

### Unrivalled Speed and Power

- Driven by the Intel® Core™ 5 120U processor with 10 cores and a blistering 5.0 GHz max frequency, coupled with 12 MB cache, the Neo R/4 delivers exceptional processing power for seamless multitasking and rapid application execution.
- Fast boot-ups and responsive operation are guaranteed with the included 128GB SSD.
- Efficient daily operations are supported by 4GB DDR4 RAM.

### Built for Connectivity and Control

- Connect to a world of devices with two HDMI ports and one VGA port for versatile display options.
- Two USB 3.0 and two USB 2.0 ports ensure ample peripheral connectivity.

- A dedicated DB9 male RS232 serial port makes it perfect for integrating with legacy industrial equipment, point-of-sale systems, or specialized peripherals.
- Enjoy stable, high-speed networking with a 1000 Mbps Ethernet port, prioritizing security and reliability over wireless.
- Speaker Out and Mic In ports provide essential audio functionality.

### Robust Design and Ubuntu Advantage

- Housed in a durable, powder-coated black steel chassis (198mm × 200mm × 73mm), this mini PC is built to last in challenging environments, weighing a remarkably light 110 grams.
- Pre-installed with Ubuntu Linux 24.04 LTS, you benefit from a secure, stable, and open-source operating system with long-term support, reducing total cost of ownership.
- Reliable operation is assured within 0°C to 40°C and 20% to 80% RH.
- Certified BIS, RoHS, and ISO, ensuring quality and compliance.

The Thinvent Neo R/4 Mini PC combines powerful performance, specialized connectivity, and a resilient design, making it the smart choice for businesses seeking reliable, compact computing.





# 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	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
Serial Port	1 DB9 male RS232

### 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>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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