



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: R-I5\_14-16-S256-12\_5-M-U-0



### The Future of Productivity Fits in Your Palm.

Experience unparalleled power and efficiency with the Thinvent® Neo R/4 Mini PC, engineered for the demands of modern computing. This ultra-compact powerhouse redefines what's possible from a desktop, delivering robust performance without compromise.

#### Performance at its Core

- Unleash incredible speed with the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache for seamless multitasking and demanding applications.
- Power through any workload with 32GB DDR4 RAM, ensuring silky-smooth operation.
- Enjoy lightning-fast boot-ups and ultra-responsive performance from the 32GB MLC SSD.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source computing environment with long-term support.

#### Seamless Connectivity

- Drive up to three displays simultaneously with 2x HDMI and 1x VGA ports, boosting your productivity.

- Connect all your peripherals effortlessly via 2x USB 3.0 and 2x USB 2.0 ports.
- Stay connected with high-speed dual-band Wi-Fi 5 (802.11ac) and a reliable 1000 Mbps Ethernet port.
- Integrated speaker out and mic in ensure a complete audio experience.

#### Designed for Durability and Efficiency

- Weighing just 110 grams and measuring a mere 198mm x 200mm x 73mm, this Mini PC vanishes into any workspace.
- Built with a robust steel housing with a sleek black powder coating, it's designed to last.
- Energy-efficient operation with a 12V 7A adapter, featuring a 2-metre cable and supporting 100~275 Volts AC input (1.5 Amps maximum).
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Engineered for reliability in temperatures from 0°C to 40°C and 20% to 80% RH non-condensing.



## 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	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	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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