



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Without OS

## DB9 Serial

SKU: R-15\_14-32-M256-12\_5-M-W\_OS-1S



### Compact Powerhouse: Where Performance Meets Versatility.

Experience unparalleled performance with the Thinvent® Neo R/4 Mini PC. Engineered for speed and reliability, this ultra-compact device redefines productivity for home, office, and industrial applications.

#### Unrivaled Processing Power

- At its heart lies the Intel® Core™ 5 120U processor, boasting 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache. This ensures seamless multitasking, rapid application loading, and smooth handling of demanding workloads.

#### Blazing Fast Storage & Memory

- Benefit from lightning-fast boot times and instant data access with a spacious 1TB SSD. Coupled with 32GB DDR4 RAM, the Neo R/4 delivers efficient performance for all your computing needs.

#### Comprehensive Connectivity

- Expand your workspace with dual HDMI and a VGA port for multi-display setups. Connect all your devices with two USB 3.0 and two USB 2.0 ports. Integrated audio jacks (speaker out, mic in) enhance multimedia capabilities, while a dedicated DB9 serial port provides essential support for legacy and industrial equipment. Stay seamlessly connected with Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac).

#### Built to Endure

- Housed in a durable, powder-coated black steel chassis, this Mini PC is designed for longevity and resilience. Its incredibly lightweight 110-gram frame and compact dimensions (198x200x73mm) allow for flexible placement without sacrificing robustness. Operates reliably in diverse environments (0°C to 40°C) with flexible power input (100~275V AC).

#### Your Choice, Your OS

- Offered without an operating system, the Thinvent® Neo R/4 provides the freedom to install your preferred platform, giving you complete control and cost-effectiveness.

#### Certified Reliability

- Backed by BIS, RoHS, and ISO certifications, ensuring quality and peace of mind.





# 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	32 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
Serial Port	1 DB9 male RS232

### 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	Without OS
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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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