



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

**4GB DDR4 RAM**

**128GB SSD**

**Dual Band WiFi**

**DOS**

SKU: R-I5\_14-4-M128-12\_5-M-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Discover the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for peak efficiency and exceptional versatility. This sleek device redefines desktop computing, delivering robust performance without occupying valuable space.

### Unrivalled Performance

- Experience lightning-fast responsiveness with the Intel® Core™ 5 120U processor, boasting 10 cores and speeds up to 5.0 GHz with 12 MB cache for seamless multitasking and demanding applications.
- Blaze through tasks with 16GB DDR4 RAM, ensuring smooth operation whether you're working, browsing, or streaming.
- Store more and access it faster than ever on the massive 1TB SSD, offering instant boot-ups and rapid application loading.

### Connectivity & Expandability

- Drive up to three displays simultaneously with dual HDMI and a VGA port, perfect for extensive workspaces or dynamic digital signage.

- Stay connected with super-fast dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port for reliable wired networking.
- Four USB ports (2x 3.0, 2x 2.0), along with dedicated speaker out and mic in, ensure all your peripherals are easily accommodated.

### Designed for Durability and Flexibility

- Housed in a robust steel chassis with a sleek power-coated black finish, the Neo R/4 is built to last and weighs a mere 110 grams, making it incredibly portable.
- Its energy-efficient 12V power adapter and wide voltage compatibility (100-275V AC) mean reliable operation anywhere.
- Pre-installed with FreeDOS, it offers you the freedom to choose and install your preferred operating system.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental responsibility.

Dimensions: 198mm x 200mm x 73mm.



## 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	128 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	FreeDOS
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## Ordering Information

### PRODUCT CODE

**R-i5\_14-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<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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