



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## Thinix Embedded Linux

SKU: R-I5\_14-16-S32-12\_5-M-THINUX-0



### Compact Power, Limitless Possibilities.

Experience the future of computing with the Thinvent® Neo R/4 Mini PC. Engineered for exceptional speed and versatility, this powerhouse redefines efficiency in a sleek, robust design, perfect for any workspace.

#### Unrival Performance

- Driven by an Intel® Core™ 5 120U processor, featuring 10 cores and speeds up to 5.0 GHz with a generous 12 MB cache, the Neo R/4 tackles demanding tasks with ease.
- Enjoy rapid application loading and seamless multitasking thanks to 16GB DDR4 RAM and a reliable 32GB MLC SSD, ensuring swift boot-ups and responsive operation.

#### Optimized with Thinix™

- Powered by Thinvent® Thinix™ Embedded Linux, a secure and efficient operating system designed for productivity and flexibility.
- Access modern web browsing with Chromium and Mozilla Firefox.
- Facilitate robust remote work with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for secure remote display.
- Streamline management via browser-based remote tools and VNC shadowing.

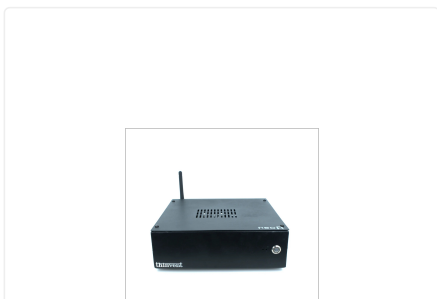
- Leverage integrated LibreOffice, PDF viewer, multimedia playback with MPEG4 support, and SIP video/voice for comprehensive productivity and communication.
- Supports Java, Python, and glibc based applications for broad compatibility.

#### Seamless Connectivity

- Connect dual displays effortlessly with 2 HDMI and 1 VGA port.
- Benefit from high-speed data transfer with 2 USB 3.0 and 2 USB 2.0 ports.
- Stay connected with gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac) for ultra-fast networking.
- Integrated speaker out and mic in ensure complete audio solutions.

#### Designed for Durability

- Its ultra-compact dimensions of 198mm x 200mm x 73mm and featherlight 110 grams make it an ideal space-saver.
- Housed in robust, powder-coated steel, this black mini PC is built to withstand diverse environments (0°C to 40°C, 20-80% RH).
- Energy-efficient with a wide voltage tolerance (100-275V AC) and certified with BIS, RoHS, and ISO for quality assurance.





# 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	16 GB
SSD Storage	32 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## 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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