



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## Thinux Embedded Linux

SKU: R-I5\_13-16-S32-12\_5-M-THINUX-0



Unleash productivity in a footprint you'll barely notice.

Introducing the Thinvent® Neo R/4 Mini PC, a powerhouse engineered for efficiency and performance in a remarkably compact design. Driven by an Intel® Core™ i5-1335U processor with 10 cores and clock speeds up to 4.6 GHz, this mini PC effortlessly handles multitasking and demanding applications. Experience lightning-fast boot times and responsive operations thanks to its 128GB SSD and 4GB DDR4 RAM.

The Neo R/4 comes pre-installed with Thinvent® Thinux™ Embedded Linux, a secure, stable, and feature-rich operating system designed for optimal performance and versatility.

### Thinux™ OS provides

- Seamless web browsing with Chromium and Mozilla Firefox.
- Robust remote access capabilities including RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH.
- Simplified management via browser-based remote tools and VNC shadowing.

- Comprehensive support for Java, Python, and glibc-based applications.
- Built-in productivity with LibreOffice, PDF viewer, and multimedia playback.
- Integrated SIP video and voice over IP for modern communication.

Despite its minuscule 110-gram weight and compact 198x200x73mm dimensions, the Neo R/4 boasts a durable steel housing with a professional powder-coated black finish. Connect effortlessly with dual-band Wi-Fi 5 (802.11ac), Gigabit Ethernet, multiple USB 3.2 and 2.0 ports, HDMI, and VGA for dual display support. Designed for continuous operation between 0°C and 40°C, and backed by BIS, RoHS, and ISO certifications, the Thinvent® Neo R/4 delivers reliability and performance where it matters most. It's the ideal solution for thin client, kiosk, edge computing, or general productivity environments.



## Specifications

### PROCESSING

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	32 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	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	1.52kg, 1.94kg

### 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

**R-i5\_13-[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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