



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## Thinux Embedded Linux

## DB9 Serial



SKU: R-I5\_13-16-M1024-12\_5-X-THINUX-1S

Unleash Enterprise Power in a Mini PC Marvel.

Experience unparalleled performance and reliability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding environments, this compact powerhouse delivers robust computing where space is at a premium.

### Core Performance

- An Intel® Core™ i5-1335U processor with 10 cores, up to 4.6 GHz, and 12 MB cache provides exceptional speed for complex applications and multitasking.
- 64GB DDR4 RAM ensures lightning-fast responsiveness.
- A 32GB MLC SSD offers rapid boot times and durable storage for critical embedded applications.

### Thinvent® Thinux™ Advantage

- Pre-installed Thinvent® Thinux™ Embedded Linux offers a secure, stable, and highly optimized platform.
- Benefit from comprehensive remote management: RDP 10 with RemoteFX, Putty, SSH, and browser-based control, ideal for distributed deployments.

- Extensive Thinux™ features, including Java/Python/glibc support, browsers, LibreOffice, multimedia, and SIP video/voice, cater to thin clients, kiosks, and specialized workstations.

### Seamless Connectivity

- A dedicated DB9 serial port is crucial for industrial and legacy systems.
- Enjoy robust 1000 Mbps Ethernet and versatile dual display support (HDMI, VGA).
- Ample USB 3.2 and 2.0 ports provide extensive peripheral connections.

### Built to Last

- Durable, powder-coated black steel housing ensures longevity.
- Its remarkably lightweight 110-gram frame (198x200x73mm) makes deployment effortless.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

The Thinvent Neo R/4 is your ultimate solution for reliable, high-performance embedded computing.



## 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	1024 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
Serial Port	1 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
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### 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			

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

