



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## No WiFi

## Thinux Embedded Linux

## DB9 Serial



SKU: R-I3\_13-64-M512-12\_5-X-THINUX-1S

Unleash Unrivaled Performance in a Compact, Secure Powerhouse.

Introducing the Thinvent® Neo R/4 Mini PC: a groundbreaking solution engineered for demanding environments where reliability and performance are paramount. This remarkably powerful mini PC is driven by an Intel® Core™ i3-1315U processor, featuring 6 cores with speeds up to 4.5 GHz and a 10 MB cache, ensuring seamless multitasking and rapid application execution.

### Experience unparalleled responsiveness and efficiency

- Main Memory: Command 64GB of lightning-fast DDR4 RAM for effortless handling of intensive workloads.
- SSD Storage: Benefit from a spacious 512GB SSD, delivering instantaneous boot-ups and ultra-quick data access.

### Designed for robust integration and unwavering security

- Wired Reliability: Connect with confidence via 1000 Mbps Ethernet, complemented by two USB 3.2 and two USB 2.0 ports.
- Legacy Integration: Seamlessly interface with industrial equipment using the dedicated DB9 RS232 serial port.
- Secure by Design: With no WiFi, the Neo R/4 offers enhanced security for sensitive deployments.

### Harness the power of Thinvent® Thinux™ Embedded Linux

- Advanced OS: A purpose-built operating system offering exceptional stability and security.
- Comprehensive Features: Enjoy pre-installed Chromium and Mozilla Firefox browsers, RDP 10 (RemoteFX, H.264/AVC) for efficient remote display, Putty and SSH for secure access, and browser-based remote management with VNC shadowing.
- Application Ready: Support for Java, Python, glibc based location applications, LibreOffice, PDF viewer, multimedia playback, and SIP video/voice over IP.

### Built to last and incredibly discreet

- Durability: Housed in robust, powder-coated black steel, certified with BIS, RoHS, and ISO for peace of mind.
- Ultra-Compact Design: Measuring just 198mm x 200mm x 73mm and remarkably lightweight at 110 grams, it fits almost anywhere.

The Thinvent® Neo R/4 Mini PC is your ultimate choice for secure, high-performance computing in a compact footprint.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	512 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	
<b>R-i3_13-[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>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

