



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 32GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: R-I3\_13-32-M512-12\_5-M-THINUX-KM



Unleash Productivity with the Thinvent® Neo R/4 Mini PC: Compact Powerhouse.

Experience a seamless computing experience with the Thinvent® Neo R/4 Mini PC. Powered by an Intel® Core™ i3-1315U processor featuring 6 cores and a turbo boost up to 4.5 GHz with 10 MB cache, this compact device delivers impressive performance for all your daily tasks. Equipped with 8GB DDR4 RAM and a lightning-fast 1TB SSD, multitasking is effortless and boot times are virtually eliminated.

### Key Features

- Powerful Processor: Intel® Core™ i3-1315U (6 Cores, up to 4.5 GHz, 10 MB Cache) for responsive performance.
- Ample Storage and Memory: 8GB DDR4 RAM and a generous 1TB SSD for swift data access and ample space.
- Versatile Connectivity: Includes 1x HDMI, 1x VGA, 2x USB 3.2, 2x USB 2.0, and a 1000 Mbps Ethernet port for all your peripherals and networking needs.
- Seamless Wireless: Dual Band Wi-Fi ensures stable and fast wireless connectivity.

- Robust Build: Durable steel housing with a sleek black powder coating, designed for longevity.
- Pre-installed Thinix™ Embedded Linux: Optimized for efficiency and security, featuring Chromium and Mozilla Firefox browsers, robust remote display options (RDP 10, Putty, SSH), and browser-based remote management.
- Enhanced Software Support: Includes LibreOffice, PDF viewer, and multimedia player with MPEG4 support, plus Java, Python, and glibc based location applications.
- Included Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set, and a 12V 7A adapter.
- Compact and Lightweight: Measuring just 198mm x 200mm x 73mm and weighing only 110 grams, it's perfect for any workspace.
- Reliable Operation: Designed for operating temperatures from 0°C to 40°C with a 2-meter cable length for flexible placement.
- Certified Quality: Meets BIS, RoHS, and ISO standards for peace of mind.



## 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	32 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

### 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	2.04kg, 2.46kg

### ACCESSORIES

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Keyboard and Mouse	1
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### 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-i3\_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>Thinux</b> = Thinux™ 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

