



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

No WiFi

Thinux Embedded Linux

SKU: R-I3\_13-8\_8-M1024-12\_7-X-THINUX-0



Your Compact Command Center: Power, Precision, Performance.

Experience unparalleled efficiency with the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks in a remarkably small footprint. This powerhouse delivers exceptional speed and responsiveness, making it the ideal choice for businesses, developers, and power users alike.

Under the hood, the Intel® Core™ i3-1315U processor boasts 6 cores and speeds up to 4.5 GHz with a 10 MB cache, ensuring seamless multitasking and robust application handling. Paired with a colossal 64GB DDR4 RAM and a lightning-fast 256GB SSD, the Neo R/4 eliminates bottlenecks, providing instant boot-ups and rapid data access.

### Connectivity is versatile with

- Dual display support: 1 HDMI, 1 VGA
- Ample USB ports: 2 USB 3.2, 2 USB 2.0
- Gigabit Ethernet for rock-solid wired networking
- Audio support: 1 Speaker Out, 1 Mic In

Designed for reliability and stability, its durable steel housing with a sleek powder-coated black finish and wired-only network (No WiFi) make it perfect for secure, fixed installations. Weighing just 110 grams and measuring 198mm x 200mm x 73mm, it fits virtually anywhere.

### The heart of the Neo R/4 is Thinvent® Thinux™ Embedded Linux, a feature-rich operating system offering

- Secure web browsing: Chromium and Mozilla Firefox
- Comprehensive remote access: RDP 10 (RemoteFX, H.264/AVC), Putty, SSH
- Easy management: Browser-based remote management, VNC shadowing
- Productivity tools: LibreOffice, PDF viewer, multimedia player with MPEG4 support
- Communication ready: SIP video and voice over IP
- Development friendly: Java, Python, and glibc-based application support

Certified with BIS, RoHS, and ISO, the Neo R/4 is a testament to quality and compliance. Power your operations with a mini PC built for endurance and high performance.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 1024 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|         |   |
|---------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre                                      |

### ENVIRONMENTAL

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

|                      |                       |
|----------------------|-----------------------|
| 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 | 1.61kg, 2.03kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

R-i3\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

## RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32\_32 = 64GB  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## SSD

m128 = 128GB

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W\_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

## R&amp;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

