



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

**32GB DDR4 RAM**

**256GB SSD**

**No WiFi**

**DOS**



SKU: R-I3\_12-32-S256-12\_7-X-DOS-0

Unleash Mighty Performance in a Mini Footprint.

Experience the perfect blend of power and portability with the Thinvent® Neo R/4 Mini PC. Designed for efficiency and built to last, this compact powerhouse delivers robust performance without hogging your valuable desk space.

### Core Performance

- Driven by an Intel® Core™ i3-1215U processor, featuring 6 cores and a blistering max frequency of 4.4 GHz, alongside a 10 MB cache for seamless multitasking.
- Navigate applications with lightning speed thanks to 4GB DDR4 RAM.
- Boot up instantly and access files in a flash with the generous 512GB SSD.

### Seamless Connectivity

- Dual display support with HDMI and VGA ports for versatile monitor setups.
- Connect your essential peripherals effortlessly with 2x USB 3.2 and 2x USB 2.0 ports.

- Enjoy stable, high-speed network access via the integrated 1000 Mbps Ethernet port – ideal for secure wired environments.
- Essential audio connections include Speaker Out and Mic In.

### Robust Design and Flexibility

- Housed in durable steel with a sleek black power coating, measuring just 198mm × 200mm × 73mm and astonishingly lightweight at only 110 grams – ideal for any space-constrained setup.
- Comes with FreeDOS, offering you the ultimate freedom to install your preferred operating system or tailor a custom solution.
- Operates reliably across a wide range of conditions, from 0°C to 40°C, with non-condensing humidity from 20% to 80% RH.
- Certified for quality and compliance with BIS, RoHS, and ISO standards.

### Power

- Stable 12V 7A adapter with wide AC input (100~275V AC, 50~60 Hz), ensuring consistent performance.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 256 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| RS485 Option | 1 |

### 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 | 1.68kg, 2.10kg        |

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## Ordering Information

### PRODUCT CODE

**R-i3\_12-[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&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

