



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

Dual Band WiFi

DOS

SKU: R-I3\_12-32\_32-S128-12\_5-M-DOS-0



Unleash Mighty Performance in a Mini Package.

Introducing the Thinvent® Neo R/4 Mini PC, your compact powerhouse designed for next-level productivity and seamless computing. Don't let its unbelievably small size fool you; this mini PC packs a punch, making it perfect for office, home, or commercial applications where space is at a premium but performance cannot be compromised.

### Blazing Fast Performance

- Experience the speed of the Intel® Core™ i3-1215U processor, featuring 6 cores and burst frequencies up to 4.4 GHz, paired with a generous 10 MB cache for rapid data access.
- Multitask effortlessly with 16GB DDR4 RAM, ensuring smooth operation even with demanding applications.
- Enjoy lightning-fast boot-ups and application loading from the responsive 128GB SSD storage.

### Versatile Connectivity

- Expand your workspace with dual display support via HDMI and VGA ports, boosting your productivity.

- Connect all your essential peripherals with 2 high-speed USB 3.2 ports and 2 USB 2.0 ports.
- Stay connected with reliable gigabit Ethernet or enjoy wireless freedom with dual-band Wi-Fi 5 (802.11ac).
- Integrated speaker out and mic in ports provide comprehensive audio capabilities.

### Designed for Durability and Efficiency

- Housed in a robust, powder-coated black steel chassis, this mini PC weighs just 110 grams and boasts a tiny footprint of 198mm x 200mm x 73mm, allowing for discreet placement.
- Operates reliably in diverse environments (0°C to 40°C) and is certified with BIS, RoHS, and ISO standards, ensuring quality and longevity.
- Comes with FreeDOS, offering the flexibility to install your preferred operating system.

Power your work, elevate your entertainment, and reclaim your desk space with the Thinvent® Neo R/4 Mini PC.



# 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     | 64 GB   |
| SSD Storage     | 128 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| 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

|                       |                              |
|-----------------------|------------------------------|
| 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 | 1.59kg, 2.01kg        |

### OPERATING SYSTEM

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

## Ordering Information

| PRODUCT CODE                                           |                                                                                                 |                                                                                    |                                                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|
| R-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] |                                                                                                 |                                                                                    |                                                               |
| RAM                                                    | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                  | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)                     | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) |
|                                                        | <b>32</b> = 32GB DDR4                                                                           |                                                                                    |                                                               |
| SSD                                                    | <b>m128</b> = 128GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB      | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB                   |                                                               |
| Wireless                                               | <b>m</b> = Dual Band WiFi                                                                       | <b>X</b> = No WiFi                                                                 |                                                               |
| OS                                                     | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinux</b> = Thinux™ Embedded Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux |                                                               |
| Accessories                                            | <b>0</b> = None<br><b>1S</b> = DB9 Serial<br><b>Mo</b> = Wired Optical Scroll Mouse             | <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = 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

