



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: R-I3\_12-8\_8-S128-12\_5-M-THINUX-KM



## Unleash Productivity with Compact Power: The Thinvent® Neo R/4 Mini PC

Experience seamless performance and efficient operations with the Thinvent® Neo R/4 Mini PC. Engineered for reliability and speed, this compact powerhouse is your ideal solution for modern computing needs.

### Key Specifications

- Processor: Intel® Core™ i3-1215U with 6 cores, reaching up to 4.4 GHz and a 10 MB cache for swift multitasking.
- Memory & Storage: 4GB DDR4 RAM coupled with a spacious 1TB SSD ensures fast boot times and ample storage.
- Connectivity: Versatile ports including HDMI, VGA, 2x USB 3.2, 2x USB 2.0, and 1000 Mbps Ethernet.
- Wireless: Stay connected with Dual Band WiFi (Wi-Fi 5, 802.11ac).

### Included Peripherals and Software

- Operating System: Runs on Thinix™ Embedded Linux, optimized for performance and security.
- Bundled Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set for an immediate out-of-the-box experience.

### Designed for Efficiency

- Robust Construction: A durable steel housing with a sleek black powder coating ensures longevity.
- Compact Design: Measuring just 198mm × 200mm × 73mm and weighing a mere 110 grams, it saves valuable desk space.
- Power: Powered by a 12V 7A adapter with a universal input (100~275 Volts AC).

### Thinix™ Embedded Linux Features

- Enhanced Browsing: Includes Chromium and Mozilla Firefox browsers.
- Remote Access: Supports RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for remote display.
- Management: Features browser-based remote management and VNC shadowing.
- Development Support: Offers Java, Python, and glibc based location application support.
- Productivity Tools: Comes with LibreOffice and a PDF viewer.
- Multimedia: Enjoy multimedia playback with MPEG4 support.
- Communication: Integrated SIP for video and voice over IP.

Ideal for various environments, the Thinvent® Neo R/4 delivers exceptional value and 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     | 16 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 | 2.11kg, 2.52kg        |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### 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\_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)

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