



# 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)

512GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set



SKU: R-I3\_13-8\_8-M512-12\_7-X-THINUX-KM

## Unlock Powerful Performance in a Compact Package

Introducing the Thinvent® Neo R/4 Mini PC, your gateway to efficient and versatile computing. This robust machine is engineered to deliver exceptional speed and reliability for a variety of business and educational applications.

### Key Specifications

- Processor: Intel® Core™ i3-1315U (6 cores, up to 4.5 GHz, 10 MB cache) for seamless multitasking.
- Memory: 4GB DDR4 RAM for smooth operation.
- Storage: A generous 1TB SSD ensures rapid boot times and quick access to your files.
- Operating System: Thinvent® Thinux™ Embedded Linux, a secure and streamlined OS optimized for performance.

### Experience Enhanced Connectivity and Functionality

- Display: 1 HDMI and 1 VGA port for flexible display options.
- Audio: 1 Speaker Out and 1 Mic In for multimedia and communication.
- Ports: 2 USB 3.2 and 2 USB 2.0 for all your peripheral needs.
- Networking: Blazing-fast 1000 Mbps Ethernet for stable internet.
- Power: 12V 7A adapter included, with universal AC input (100~275V AC).

### Thinux™ OS Features

- Browsing: Includes Chromium and Mozilla Firefox for web access.
- Remote Access: RDP 10, Putty, and SSH for efficient remote desktop management.
- Development: Java, Python, and glibc support for custom applications.
- Productivity: LibreOffice and PDF viewer for document handling.
- Multimedia: A multimedia player with MPEG4 support.
- Communication: SIP for video and voice over IP.

### Built to Last

- Durable steel housing with a sleek black powder coating.
- Compact dimensions (198mm × 200mm × 73mm) and lightweight design (110 grams).
- Designed for reliable operation in temperatures from 0°C to 40°C.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.

The Thinvent® Neo R/4 Mini PC is the smart choice for businesses and institutions seeking a powerful, secure, and cost-effective computing solution.





# 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     | 512 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 | 2.13kg, 2.55kg        |

### 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_13-[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)<br><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              |                                                                                        |

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