



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

**32GB DDR4 RAM (2 x 16GB)**

**1TB SSD**

**No WiFi**

**Thinux Embedded Linux**

**Thinvent Keyboard and Mouse set**



SKU: R-I5\_12-16\_16-M1024-12\_7-X-  
THINUX-KM

## Unleash Productivity with the Thinvent® Neo R/4 Mini PC: Compact Powerhouse for Modern Workflows

Experience exceptional performance and reliability in an ultra-compact design. The Thinvent® Neo R/4 Mini PC redefines efficiency with its robust Intel® Core™ i5-1250P processor, delivering 12 cores of processing power, reaching up to 4.4 GHz with a 12 MB cache for seamless multitasking. Coupled with 4GB DDR4 RAM and a lightning-fast 512GB SSD, boot times and application loading are virtually eliminated.

Built for the future, this Mini PC runs on the specialized Thinvent® Thinux™ Embedded Linux, optimized for security and performance. Included is a convenient Thinvent® Keyboard and Mouse set, ready for immediate use.

### Key Specifications and Benefits

- Powerful Performance:
- Intel® Core™ i5-1250P processor
- 12 cores for superior multitasking
- Up to 4.4 GHz max frequency
- 12 MB cache for rapid data access
- Speedy Storage and Memory:
- 512 GB SSD for swift data transfer
- 4 GB DDR4 RAM for smooth operation
- Versatile Connectivity:
- HDMI and VGA ports for dual monitor support

- 2x USB 3.2 and 2x USB 2.0 ports
- Integrated 1000 Mbps Ethernet
- Robust and Reliable:
- Durable steel housing with a sleek black power coating
- Operates efficiently within 0°C ~ 40°C
- Power efficient 12V 7A adapter
- Comprehensive Operating System Features:
- Thinvent® Thinux™ Embedded Linux
- Chromium and Mozilla Firefox browsers for web browsing
- Secure remote access with RDP 10, Putty, and SSH
- Java, Python, and glibc location application support
- Full office suite with LibreOffice and PDF viewer
- Multimedia playback with MPEG4 support
- SIP video and voice over IP capabilities
- Compact and Lightweight:
- Dimensions: 198mm × 200mm × 73mm
- Weighing only 110 grams, it fits anywhere
- Ready to Deploy:
- Includes keyboard and mouse
- Certified for BIS, RoHS, and ISO for peace of mind



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# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 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 | 2.23kg, 2.65kg        |

### 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-i5\_12-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

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

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