



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 32GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Thinux Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: R-I5\_12L-32-M256-12\_7-M-THINUX-KM



The powerhouse that fits in the palm of your hand.

### Engineered for the modern workplace

Unleash seamless productivity and robust connectivity in a remarkably compact form. The Thinvent® Neo R/4 is your all-in-one solution for demanding business environments, delivering industrial-grade reliability without the bulk.

### Perfect for

- Digital signage and interactive kiosks that demand flawless, 24/7 operation.
- Centralised office workstations, reducing desk clutter while providing ample power for everyday tasks.
- Secure network gateways and monitoring stations, leveraging its dual LAN for critical connectivity.

- Remote management setups, thanks to its integrated remote access and management tools.

### Why choose the Neo R/4

Its potent processing muscle effortlessly handles multiple applications, from office suites to advanced remote display protocols. The pre-installed Thinux™ operating system offers a stable, secure, and ready-to-work platform straight out of the box, complete with essential productivity and development software. Built with a rugged steel housing, it's designed to endure in environments where ordinary PCs falter. Simplify your IT deployment with a complete, compact system that arrives with everything you need to get started immediately.



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| 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     | 256 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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|         |   |
|---------|---|
| USB 3.2 | 2 |
|---------|---|

### NETWORKING

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|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Ethernet Ports      | 2                             |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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

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

### OPERATING SYSTEM

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|                  |  |
|------------------|--|
| Operating System | Thinvent® Thinux™ Embedded Linux   |
| OS Features      | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |



## Ordering Information

### PRODUCT CODE

**R-i5\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|                    |  |                     |                                    |                       |
|--------------------|--|---------------------|------------------------------------|-----------------------|
| <b>RAM</b>         | <b>4</b> = 4GB DDR4                    | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4              | <b>32</b> = 32GB DDR4 |
|                    | <b>64</b> = 64GB DDR4                  |                     |                                    |                       |
| <b>SSD</b>         | <b>m128</b> = 128GB                    |                     | <b>m256</b> = 256GB                |                       |
|                    | <b>m32</b> = 32GB                      |                     | <b>m512</b> = 512GB                |                       |
|                    | <b>m1024</b> = 1TB                     |                     | <b>S32</b> = 32GB MLC              |                       |
|                    | <b>S128</b> = 128GB                    |                     | <b>S256</b> = 256GB                |                       |
| <b>Wireless</b>    | <b>m</b> = Dual Band WiFi              |                     | <b>X</b> = No WiFi                 |                       |
| <b>OS</b>          | <b>DOS</b> = DOS                       |                     | <b>W_OS</b> = Without OS           |                       |
|                    | <b>11V</b> = Windows 11 IoT Value      |                     | <b>11P</b> = Windows 11 Pro        |                       |
|                    | <b>Thinix</b> = Thinix™ Embedded Linux |                     | <b>U</b> = Ubuntu Linux            |                       |
| <b>Accessories</b> | <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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