



# Thinvent Neo R/4 Mini PC

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 32GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 Professional

## Thinvent Keyboard and Mouse set

SKU: R-I7\_12L-32-M512-12\_7-M-11O-KM



Powerhouse performance that slips neatly onto any desk.

The Thinvent Neo R/4 Mini PC brings serious computing muscle to your workspace without swallowing it whole. Whether you're running a busy front office, a control room, or a light industrial environment, this machine is built to keep pace with you.

### Space-saving by design

Forget the bulky tower under your desk. The Neo R/4 sits quietly beside your monitor or tucks neatly into a rack, giving you back valuable room while delivering the kind of responsive performance that makes everyday work feel effortless. It's a tidy solution that doesn't compromise on capability.

### Made to keep working

This is no fragile office toy. The steel housing is tough, powder-coated, and ready for the realities of a working environment. It handles the hustle and bustle of a shop floor or a busy reception area with ease, and its energy-efficient design means you can leave it running without a second thought.

### Connectivity that works for you

Dual network ports give you flexible and reliable internet connections, perfect for secure setups, POS systems, or streaming data from equipment. Add dual-band WiFi and you're free to connect however suits you best, without the hassle of trailing cables everywhere.

### Everything you need to get started

The Neo R/4 arrives ready to work. It comes with Windows 11 Professional for a familiar, secure, and productive experience, and includes a matching keyboard and mouse. It's a genuinely complete package – just plug in, power up, and get on with your day.

When you need dependable, compact computing that looks smart and works harder, the Thinvent Neo R/4 is



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i7      |
| Processor Brand | Intel   |
| Processor Model | 1255U   |
| Cores           | 10      |
| Max Frequency   | 4.7 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 512 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| RS485 Option | 1 |

### NETWORKING

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

### 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 | Microsoft Windows 11 Professional |
|------------------|-----------------------------------|

## Ordering Information

### PRODUCT CODE

**R-i7\_12l-[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>m1024</b> = 1TB                      |                       |
|             | <b>m512</b> = 512GB                        | <b>S32</b> = 32GB MLC                      | <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>110</b> = Windows 11 Professional       | <b>Thinix</b> = Thinix™ 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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