



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

16GB DDR4 RAM (2 x 8GB)

## 1TB SSD

## No WiFi

## Windows 11 Professional



SKU: R-I3\_12L-8\_8-M1024-12\_5-X-110-0

Reliable computing muscle in a compact, quiet footprint.

No need for a bulky tower sitting under your desk. The Thinvent Neo R/4 Mini PC delivers the everyday performance your business needs, neatly tucked away to leave your workspace clear and clutter-free.

### Why you'll appreciate it

- Responsive multitasking for office suites, web apps, and business software, so you can move between tasks without frustrating delays.
- Quick boot-ups and snappy program loading, thanks to efficient storage that gets you working sooner.
- Whisper-quiet operation that won't disturb a busy office, shop floor, or home workspace.
- A sturdy, powder-coated steel housing that shrugs off the knocks and bumps of real-world use.

### Where it shines

- Perfect as a point-of-sale terminal, digital signage player, or reception desk computer where space is tight.
- Ideal for light industrial settings, such as machine-side data entry or production monitoring, where a dependable PC keeps things moving.

- A superb choice for network edge applications, with dual gigabit Ethernet for firewall, routing, or security gateway roles.
- Comfortable in a 24/7 operation, giving you the peace of mind that your systems stay online when you need them most.

### Built to keep working

- Designed for reliable performance in everyday environments, from 0°C to 40°C, with no exotic cooling required.
- Powered by a low-energy processor that balances capability with efficiency, helping keep your electricity bills in check.
- Fully certified to recognised standards, so you can deploy with confidence.
- Backed by Thinvent's commitment to solid industrial engineering, it's a dependable workhorse for years of service.

The Neo R/4 is the straightforward, no-nonsense choice when you need a compact PC that simply gets on with the job.



# 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     | 1024 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         |

### 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 | 1.59kg, 2.01kg        |

### OPERATING SYSTEM

|                  |                                   |
|------------------|-----------------------------------|
| Operating System | Microsoft Windows 11 Professional |
|------------------|-----------------------------------|

## Ordering Information

### PRODUCT CODE

**R-i3\_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>m2048</b> = 2TB                         |                                            |                                         |                       |
|             | <b>S128</b> = 128GB                        |                                            |                                         |                       |
| OS          | <b>m</b> = Dual Band WiFi                  | <b>X</b> = No WiFi                         |                                         |                       |
|             | <b>DOS</b> = DOS                           | <b>W_OS</b> = Without OS                   |                                         |                       |
| Accessories | <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                    |                                            |                                         |                       |
|             | <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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