



## Thinvent Neo R/4 Mini PC

### Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

### Dual LAN

64GB DDR4 RAM (2 x 32GB)

256GB SSD

No WiFi

Windows 11 Professional



SKU: R-I5\_12L-32\_32-M256-12\_7-X-11O-0

Industrial power, pint-sized package.

The Thinvent® Neo R/4 Mini PC proves that great things really do come in small, rugged boxes. Whether you're running a busy production line, a retail system, or a secure network gateway, this little workhorse delivers the dependable performance your operation deserves — all in a footprint that slips neatly into the tightest of spaces.

Why make the Neo R/4 your next investment? It's simple. You need gear that keeps up with your business, not the other way around. The powerful Intel® Core™ i5 processor handles multiple demanding tasks at once, so your applications stay responsive even when the pressure is on. And with a robust steel housing that shrugs off dust, heat, and the rough and tumble of daily industrial life, this is a machine built to keep running when it matters most.

For environments where security and reliability are non-negotiable, the dual Ethernet ports give you rock-solid wired connectivity every single time. No flaky wireless drops, just a stable, fast link to your network and the wider world. And because it comes ready with Windows 11 Professional, you can deploy it straight onto your desk, your wall, or your machinery without fuss.

From digital signage and edge computing to office kiosks and control-room monitoring, the Neo R/4 slots in seamlessly. It's quiet, it's cool, and it's constantly on call.

- Gain effortless performance for multi-tasking and heavy applications.
- Enjoy peace of mind with a rugged steel casing that's built to last.
- Keep your network secure and stable with dual wired LAN ports.
- Save space and reduce clutter with a compact, neat design.
- Deploy immediately with a professional operating system included.

Choose the Thinvent® Neo R/4 — the no-nonsense mini PC that works as hard as you do.



# 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     | 64 GB   |
| SSD Storage     | 256 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### 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 | 1.72kg, 2.13kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

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

## RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32\_32 = 64GB  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## SSD

m128 = 128GB

m512 = 512GB

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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