



# Thinvent Neo R/4 Mini PC

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 8GB DDR5 RAM

## 256GB SSD

## No WiFi

## Windows 11 Professional



SKU: R-CU5\_14L-8\_5-S256-12\_5-X-11O-0

Meet the Thinvent® Neo R/4 – a quiet powerhouse that brings serious computing muscle to your worksite without taking up an inch of unnecessary space.

### Made to work as hard as you do

- Slip it behind a screen, under a desk, or inside a kiosk – it runs discreetly and reliably wherever you need it.
- Its tough steel housing shrugs off knocks, dust and daily wear, so it keeps performing shift after shift.
- The responsive 14th-generation processor handles demanding business software, multi-tasking and data-heavy applications without breaking a sweat.

### Connectivity that keeps you moving

- Twin Gigabit Ethernet ports make it ideal for firewall setups, network gateways, digital signage and industrial control – perfect for a busy office or a factory floor.
- A flexible mix of USB ports lets you plug in everything from barcode scanners to printers and peripherals without juggling adapters.
- HDMI and VGA outputs mean you can attach modern or legacy displays with ease, making upgrades simple.

### Ready for the real world

- Pre-installed with Windows 11 Professional, it arrives ready to join your domain, run your apps and keep your data protected.
- Its low-power design stays cool and quiet, even in warm environments, so you can leave it running around the clock.
- Installation is effortless – mount it wherever suits you, connect the included adapter, and you're up and running in minutes.

### A smarter alternative to ageing desktops

- Replace bulky towers and save valuable workspace while gaining modern performance.
- Ideal for retail, healthcare, education, transport hubs and light industrial settings where dependable computing matters most.

Choose the Thinvent® Neo R/4 for a mini PC that punches well above its size – dependable, versatile and built to keep your business moving.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 14th    |
| Series          | Ultra 5 |
| Processor Brand | Intel   |
| Processor Model | 125U    |
| Cores           | 12      |
| Max Frequency   | 4.3 GHz |
| Cache           | 12 MB   |
| Main Memory     | 8 GB    |
| SSD Storage     | 256 GB  |

### DISPLAY

|          |   |
|----------|---|
| HDMI 2.0 | 1 |
| VGA      | 1 |

### AUDIO

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

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

R-cu5\_14l-[RAM]-[SSD]-12\_5-[Wireless]-[OS]-[Accessories]

## RAM

8\_5 = 8GB DDR5

16\_5 = 16GB DDR5

32\_5 = 32GB DDR5

32\_5\_32\_5 = 64GB  
DDR5 RAM (2 x  
32GB)16\_5\_16\_5 = 32GB  
DDR5 RAM (2 x  
16GB)

## 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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