



# Thinvent Neo R/4 Mini PC

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 16GB DDR5 RAM

## 512GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: R-CU5\_14L-16\_5-M512-12\_5-M-THINUX-KM



Unleash concentrated performance from a desktop the size of a book.

Meet the Thinvent Neo R/4: the compact industrial powerhouse designed to drive your operations seamlessly. Its robust, steel-clad design houses the latest generation of efficient processing, delivering the reliable muscle you need for demanding environments without the bulk of a traditional tower.

### Perfect for business-critical applications

- Deploy as a silent, space-saving digital signage controller for retail or corporate lobbies.
- Power a secure, dedicated point-of-sale or kiosk system with consistent reliability.

- Act as the central hub for IoT gateways or lightweight server tasks with its dual Ethernet ports.
- Run productivity and communication suites smoothly for office or classroom workstations.

Engineered for simplicity and control, it comes pre-loaded with our Thinix™ operating system, offering a secure and stable platform right out of the box. Manage it effortlessly with browser-based tools and enjoy built-in support for essential remote access and office applications. Complete with a matching keyboard and mouse, the Neo R/4 is a full, professional-grade computing solution that gets straight to work.



# 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     | 16 GB   |
| SSD Storage     | 512 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                             |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | 2.14kg, 2.56kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W\_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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