



# Thinvent Neo R/4 Mini PC

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 32GB DDR5 RAM

## 32GB MLC SSD

## Dual Band WiFi

## DOS

SKU: R-CU5\_14L-32\_5-S32-12\_5-M-DOS-0



Powerful Intelligence, Compact Resilience: The Neo R/4 Mini PC.

Unlock a new era of seamless digital operations with the Thinvent Neo R/4. This formidable yet remarkably compact workstation is engineered to thrive where reliability matters most, delivering robust performance without demanding space or complex infrastructure.

### Built for Business Continuity

Designed for 24/7 operation in demanding environments, from retail kiosks to factory floors. Its durable steel construction ensures it can handle the rigours of daily use, while dual Gigabit Ethernet ports provide unwavering network reliability for critical tasks and secure data transfer.

### Adaptable and Efficient Performance

Experience smooth multitasking and rapid responsiveness for a multitude of professional applications. Whether driving digital signage, managing point-of-sale systems, or operating as a dedicated server, the Neo R/4 provides the dependable power to keep your business moving forward. Its versatile connectivity supports multiple displays and peripherals effortlessly.

### Simplify Your Setup

Get straight to work with a plug-and-play design that integrates smoothly into your existing ecosystem. The flexible operating system foundation allows for easy customisation with your preferred software, creating a tailored solution without unnecessary bloat. Its minimal footprint liberates valuable space, enabling cleaner, more efficient workspaces.



# 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     | 32 GB   |
| SSD Storage     | 32 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## 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

[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

## R&amp;D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

## Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

