



## 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

### 256GB SSD

### No WiFi

### Without OS



SKU: R-CU5\_14L-16\_5-S256-12\_5-X-W\_OS-0

Unleash compact power for demanding industrial applications.

Engineered for reliability in the toughest environments, the Thinvent® Neo R/4 Mini PC is your silent, steadfast partner. Its robust steel chassis and wide operating tolerances ensure it thrives where standard computers fail, delivering consistent performance day in, day out.

#### Perfect for focused industrial computing

- Deploy as a dedicated controller for machinery, kiosks, or digital signage with rock-solid stability.

- Leverage dual Gigabit LAN ports for secure, high-speed network connectivity in automation and monitoring systems.
- Enjoy versatile display options with HDMI and VGA, perfect for legacy and modern monitors in control rooms.
- Benefit from a clean slate with no pre-installed OS, allowing you to install your preferred specialised software for complete control.

Built to endure and certified for peace of mind, the Neo R/4 provides a dependable, high-performance core for your most critical operations.



# 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     | 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 | Without OS |
|------------------|------------|

## 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

