



# 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

## 128GB SSD

## No WiFi

## Ubuntu Linux



SKU: R-CU5\_14L-16\_5-S128-12\_5-X-U-0

## Engineered for Endurance: The Rugged Mini PC for Demanding Environments

### Perfect for Critical Operations

Meet the Thinvent® Neo R/4, the compact powerhouse built to deliver unwavering reliability where it matters most. This isn't your average desktop computer; it's a purpose-built industrial solution designed to thrive in settings where stability is non-negotiable.

### Why the Neo R/4 is Your Ideal Partner

- Experience robust, fanless operation for silent and maintenance-free performance in dusty or sensitive areas.
- Benefit from rock-solid stability with a dedicated industrial operating system, free from unnecessary bloat and distractions.
- Deploy with absolute confidence in harsh conditions, thanks to its rugged steel construction and wide operating tolerance.

- Leverage dual Ethernet ports for creating reliable network connections or integrating seamlessly into complex industrial setups.
- Achieve significant space savings with its ultra-compact form factor, mounting easily in control cabinets or behind displays.

### Built for the Real World

Ideal for digital signage, factory automation, thin client deployments, or as a dedicated monitoring station, the Neo R/4 provides the dependable computing backbone your operations require. It's the set-and-forget solution that just works, day in and day out. Choose the mini PC that prioritises durability and seamless integration. Choose Thinvent.



# 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     | 128 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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<br>DDR5 RAM (2 x<br>32GB) |
|             | 16_5_16_5 = 32GB<br>DDR5 RAM (2 x<br>16GB) |                             |                  |                                            |
| SSD         | m128 = 128GB                               | m256 = 256GB                |                  |                                            |
|             | m512 = 512GB                               | m1024 = 1TB                 |                  |                                            |
|             | S32 = 32GB MLC                             | S128 = 128GB                |                  |                                            |
|             | S256 = 256GB                               |                             |                  |                                            |
| Wireless    | m = Dual Band WiFi                         | X = No WiFi                 |                  |                                            |
| OS          | DOS = DOS                                  | W_OS = Without OS           |                  |                                            |
|             | 11V = Windows 11 IoT Value                 | 11P = Windows 11 Pro        |                  |                                            |
|             | Thinix = Thinix™ Embedded Linux            | U = Ubuntu Linux            |                  |                                            |
| Accessories | 0 = None                                   | KM = Keyboard and Mouse set |                  |                                            |
|             | 1S = DB9 Serial                            | MK = Mechanical Keyboard    |                  |                                            |
|             | Mo = Wired Optical Scroll Mouse            |                             |                  |                                            |

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

+91-11-430-77467

 +91-99903-44251**R&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

