

## Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

## Dual LAN

## 32GB DDR5 RAM

## 256GB SSD

## No WiFi

## DOS



SKU: R-CU5\_14L-32\_5-M256-12\_7-X-DOS-0

Unleash the power of a desktop, liberated from the desk. The Thinvent® Neo R/4 Mini PC delivers robust computing for demanding professional environments, all in a compact, rugged chassis that frees up your valuable workspace.

### Engineered for reliability

- Its industrial-grade steel construction ensures steadfast operation in challenging conditions, from shop floors to control rooms.
- Dual Gigabit Ethernet ports provide critical network redundancy and high-speed connectivity for data-intensive tasks.
- With a wide-range power input and operating temperature tolerance, it performs consistently wherever your operations are.

### Simplify complex operations

- This potent mini PC is the perfect nerve centre for digital signage, kiosks, and thin client setups, driving displays with crisp clarity.
- It effortlessly handles machine interfacing, process monitoring, and other industrial automation applications without bulk or fuss.
- The absence of WiFi offers enhanced security for sensitive networks, giving you complete control over your data pathways.

Choose the Neo R/4 for a no-compromise computing solution that prioritises durability and seamless integration. It's the dependable, powerful heart for your specialised systems.



# 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     | 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   | 7 Amps                                       |
| Power Input  | 100~275 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 | 1.72kg, 2.13kg        |

### 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                         | 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

