



# Thinvent Neo R/4 Mini PC

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 4GB DDR4 RAM

## 32GB MLC SSD

## No WiFi

## DOS



SKU: R-I7\_12L-4-S32-12\_5-X-DOS-0

Unleash powerhouse performance in a compact footprint.

Engineered for demanding environments, the Thinvent Neo R/4 Mini PC delivers exceptional reliability and robust connectivity to keep your critical operations running smoothly.

### Ideal Use Cases

- Digital signage and interactive kiosks requiring flawless media playback.
- Industrial automation and machine control where dual Ethernet is essential.
- Thin client and office productivity hubs in space-constrained settings.

- Secure network applications that benefit from a dedicated, wired-only connection.

### Key Benefits

Experience a new level of operational efficiency. Its formidable processing power effortlessly handles complex tasks, while the rugged steel construction ensures durability in challenging conditions. The dual Gigabit LAN ports provide unparalleled network flexibility and redundancy for mission-critical setups. Free from unnecessary wireless components, it offers a streamlined, secure foundation for your bespoke software solutions.

Built to perform where it matters most.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i7      |
| Processor Brand | Intel   |
| Processor Model | 1255U   |
| Cores           | 10      |
| Max Frequency   | 4.7 GHz |
| Cache           | 12 MB   |
| Main Memory     | 4 GB    |
| SSD Storage     | 32 GB   |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 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 | FreeDOS |
|------------------|---------|

## Ordering Information

## PRODUCT CODE

R-i7\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

## RAM

**4** = 4GB DDR4**8** = 8GB DDR4**16** = 16GB DDR4**32** = 32GB DDR4**32\_32** = 64GB  
DDR4 RAM (2 x  
32GB)**16\_16** = 32GB  
DDR4 RAM (2 x  
16GB)**8\_8** = 16GB DDR4  
RAM (2 x 8GB)

## 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**Thinux** = Thinux™ 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)

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