



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 Pro

## DB9 Serial



SKU: R-I5\_12-64-M128-12\_5-X-11P-1S

Thinvent Neo R/4: Compact Power, Unyielding Performance, Built for Business.

Unleash formidable performance with the Thinvent® Neo R/4 Mini PC, engineered for demanding business environments. Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and bursting up to 4.4 GHz with a 12 MB cache, this Mini PC delivers exceptional speed and responsiveness for seamless multitasking and intensive applications.

### Enhanced Productivity

- Experience smooth operation with 32GB DDR4 RAM, allowing you to run multiple applications effortlessly.
- Enjoy rapid boot times and quick application loading from the reliable 32GB MLC SSD.

### Versatile Connectivity

- Connect to dual displays via HDMI and VGA ports for expanded visual workspace.
- Access ample peripheral support with 2x USB 3.2 and 2x USB 2.0 ports.

- Essential for specialized applications, a dedicated DB9 male RS232 serial port ensures compatibility with industrial and legacy devices.
- Benefit from stable, high-speed networking with 1000 Mbps Ethernet.

### Robust and Reliable Design

- Housed in durable, power-coated steel, the Thinvent Neo R/4 is built for longevity and professional appeal.
- Its ultra-compact dimensions (198mm × 200mm × 73mm) and incredibly light weight of 110 grams allow for flexible deployment in any setting.
- Operates reliably in temperatures from 0°C to 40°C, backed by BIS, RoHS, and ISO certifications.

### Ready for Business

- Pre-installed with Windows 11 Pro, it offers enhanced security and advanced management features for your enterprise needs. The versatile 100~275 Volts AC power input ensures global compatibility.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 128 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|             |                  |
|-------------|------------------|
| USB 3.2     | 2                |
| USB 2.0     | 2                |
| Serial Port | 1 DB9 male RS232 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### 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 | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

| PRODUCT CODE                                           |                                 |              |                             |                |
|--------------------------------------------------------|---------------------------------|--------------|-----------------------------|----------------|
| R-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] |                                 |              |                             |                |
| RAM                                                    | 4 = 4GB DDR4                    | 8 = 8GB DDR4 | 16 = 16GB DDR4              | 32 = 32GB DDR4 |
|                                                        | 64 = 64GB DDR4                  |              |                             |                |
| SSD                                                    | m128 = 128GB                    |              | m256 = 256GB                |                |
|                                                        | m32 = 32GB                      |              | 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 |              |                             |                |

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