



## Thinvent Neo R/4 Mini PC

### AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-R5\_7-8\_8-M2048-19\_3-M-U-0



### Powering your progress, in miniature

The Thinvent Neo R/4 Mini PC delivers exceptional performance in a surprisingly small package, meaning you can deploy powerful computing solutions virtually anywhere. Experience lightning-fast responsiveness for your most demanding industrial tasks, ensuring smooth operation and maximum productivity.

#### Unleash your potential

This compact powerhouse is built for reliability and efficiency, making it the ideal choice for a multitude of industrial applications. From intricate control systems to dynamic data processing, the Neo R/4 handles it all with ease. Its robust design and advanced processing capabilities mean less downtime and more output for your business.



#### Built for your world

Imagine seamless integration into your existing infrastructure, with the flexibility to adapt to evolving needs. The Neo R/4 is engineered to excel in challenging environments, providing consistent performance when you need it most. Invest in a future-proof solution that keeps your operations running at peak efficiency.

# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |             |
|-----------------|-------------|
| Generation      | 7000 Series |
| Series          | Ryzen 5     |
| Processor Brand | AMD         |
| Processor Model | 7430U       |
| Cores           | 6           |
| Max Frequency   | 4.3 GHz     |
| Cache           | 16 MB       |
| Main Memory     | 16 GB       |
| SSD Storage     | 2048 GB     |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.2 Gen 1 | 2 |
| USB 2.0       | 2 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 19 Volts                                     |
| DC Current   | 3 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 | 1.17kg, 1.58kg        |

### OPERATING SYSTEM

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## Ordering Information

### PRODUCT CODE

**R-r5\_7-[RAM]-[SSD]-19\_3-[Wireless]-[OS]-[Accessories]**

|             |                                            |                                            |                                         |                       |
|-------------|--------------------------------------------|--------------------------------------------|-----------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                        | <b>8</b> = 8GB DDR4                        | <b>16</b> = 16GB DDR4                   | <b>32</b> = 32GB DDR4 |
|             | <b>32_32</b> = 64GB<br>DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4<br>RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                        | <b>m256</b> = 256GB                        | <b>m1024</b> = 1TB                      |                       |
|             | <b>m512</b> = 512GB                        | <b>S32</b> = 32GB MLC                      | <b>S256</b> = 256GB                     |                       |
| Wireless    | <b>m</b> = Dual Band WiFi                  | <b>X</b> = No WiFi                         |                                         |                       |
|             |                                            |                                            |                                         |                       |
| OS          | <b>DOS</b> = DOS                           | <b>W_OS</b> = Without OS                   |                                         |                       |
|             | <b>11V</b> = Windows 11 IoT Value          | <b>11P</b> = Windows 11 Pro                |                                         |                       |
|             | <b>110</b> = Windows 11 Professional       | <b>Thinix</b> = Thinix™ Embedded Linux     |                                         |                       |
|             | <b>U</b> = Ubuntu Linux                    |                                            |                                         |                       |
| Accessories | <b>0</b> = None                            | <b>KM</b> = Keyboard and Mouse set         |                                         |                       |
|             | <b>1S</b> = DB9 Serial                     | <b>MK</b> = Mechanical Keyboard            |                                         |                       |
|             | <b>Mo</b> = Wired Optical Scroll Mouse     |                                            |                                         |                       |

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