



## Thinvent Neo R/4 Mini PC

### AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

**32GB DDR4 RAM (2 x 16GB)**

**128GB SSD**

**Dual Band WiFi**

**Windows 11 IoT Value**

**Thinvent Keyboard and Mouse set**

SKU: R-R5\_7-16\_16-M128-19\_3-M-11V-KM



Compact power, boundless potential.

Unleash reliable performance for your demanding industrial workspace with the Thinvent Neo R/4 Mini PC. Powered by a high-efficiency AMD processor, this compact machine handles multitasking, data logging, and light automation control without breaking a sweat. Its small footprint means it slips neatly into tight kiosks, digital signage enclosures, or factory bench setups, freeing up valuable desk space.

Why choose the Neo R/4? Because you need a system that just works, day in and day out. With durable steel construction and a powder-coated finish, it shrugs off the bumps and vibrations of an active environment. The included Windows 11 IoT Enterprise LTSC ensures a stable, long-term platform that receives only essential security updates – perfect for mission-critical applications where downtime is not an option.

Connectivity is straightforward and practical. Dual-band Wi-Fi keeps you wirelessly linked to your network, while gigabit Ethernet offers a rock-solid wired option. Two USB 3.2 Gen 1 ports handle high-speed data transfers, and legacy USB 2.0 ports connect older peripherals without fuss. The built-in HDMI and VGA outputs let you drive two displays simultaneously, ideal for monitoring dashboards or point-of-information screens.

Forget fiddling with separate add-ons: every Neo R/4 ships with a matching Thinvent keyboard and mouse, so you're ready to deploy from the moment you open the box. The 12V DC power supply sips energy quietly, keeping your electricity costs low and your operation green.

Whether you're upgrading a production line, refreshing a public display, or building a reliable thin client, the Thinvent Neo R/4 Mini PC delivers dependable, space-saving performance at a sensible price. It's the workhorse your business deserves.



# 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     | 32 GB       |
| SSD Storage     | 128 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 | 1.68kg, 2.10kg        |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

R-r5\_7-[RAM]-[SSD]-19\_3-[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

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