



## Thinvent Neo R/4 Mini PC

**AMD Ryzen 5 7430U processor**

**6 core, up to 4.3 GHz, 16 MB cache**

**16GB DDR4 RAM**

**1TB SSD**

**No WiFi**

**Windows 11 IoT Value**

SKU: R-R5\_7-16-M1024-19\_3-X-11V-0



Powerful performance, compact dimensions – the Thinvent Neo R/4 brings industrial-grade computing to your workspace without taking over your desk.

Built for demanding business environments, this mini PC delivers the processing muscle you need for everything from digital signage and point-of-sale systems to light data analytics and office productivity. The AMD Ryzen 5 7430U processor handles multiple applications simultaneously, keeping your workflows smooth and responsive even under load.

Why choose the Thinvent Neo R/4 for your business?

- Reliable, stable operation in 24/7 environments – tested to run continuously in temperatures from 0°C to 40°C, so it's ready for factory floors, retail counters, and unattended kiosks
- Space-saving design that mounts discreetly behind a monitor or under a desk, freeing up valuable workspace and reducing clutter
- Robust steel chassis with a powder-coated finish protects internal components from dust, knocks, and everyday wear – built to last in harsh conditions

- Energy-efficient operation with a low-power 12V adapter that keeps electricity costs down without sacrificing performance
- Pre-installed with Windows 11 IoT Enterprise LTSC 2024 – long-term servicing makes it ideal for mission-critical applications where updates must be controlled
- Standard connectivity options including HDMI and VGA outputs, dual USB 3.2 ports, and Gigabit Ethernet – easy to integrate with existing monitors, peripherals, and wired networks

Whether you're upgrading an industrial control station, deploying a digital menu board, or equipping a busy reception desk, the Thinvent Neo R/4 delivers dependable computing power in a footprint that suits any environment. Choose the mini PC that works as hard as you do.



# 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     | 1024 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 |
|----------|-----------|

### 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 | 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[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

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