



## Thinvent Neo R/4 Mini PC

### AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

### 8GB DDR4 RAM

### 256GB SSD

### Dual Band WiFi

### Thinix Embedded Linux

### Thinvent Keyboard and Mouse set

SKU: R-R5\_7-8-S256-19\_3-M-THINUX-KM



Powerfully compact, effortlessly professional: the Neo R/4 Mini PC.

Built for the modern workspace, this tiny powerhouse delivers the performance you need without taking up precious desk space. Powered by a six-core AMD Ryzen™ processor, it handles demanding business applications, multitasking, and multimedia playback with remarkable smoothness.

Why choose this mini PC for your business or industrial setup?

- Space-saving design: its compact steel chassis fits neatly behind a monitor or in tight control panels, freeing your desk for what matters.
- All-in-one convenience: included keyboard, mouse, and pre-installed Thinix™ Embedded Linux mean you're ready to work straight out of the box.
- Reliable remote access: with RDP 10, VNC shadowing, and SSH support, you can securely manage systems from anywhere, ideal for IT professionals and remote teams.

- Versatile connectivity: dual-band Wi-Fi, Gigabit Ethernet, and multiple USB ports let you connect peripherals, displays, and networks effortlessly.
- Software-ready: comes with Chromium and Firefox browsers, LibreOffice for documents, a multimedia player, and support for Java, Python, and SIP VoIP – perfect for point-of-sale, digital signage, or office productivity.

Built with a robust powder-coated steel housing and certified to BIS and RoHS standards, the Neo R/4 is engineered for continuous operation in demanding environments.

Whether you're upgrading an office, building a kiosk, or deploying thin clients, this mini PC offers a silent, low-power, and professional solution that simply works.



# 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     | 8 GB        |
| SSD Storage     | 256 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 | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                                  |
| OS Features      | <p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p> |



## 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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