



# Thinvent Neo R/4 Mini PC

## AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

## 32GB DDR4 RAM

## 128GB SSD

## No WiFi

## Thinix Embedded Linux

SKU: R-R5\_7-32-S128-19\_3-X-THINUX-0



Powerful performance in a compact, rugged design for industrial applications.

### Unleash seamless productivity

The Neo R/4 Mini PC brings the speed and efficiency of a modern AMD Ryzen processor to your workspace. Whether you're powering digital signage, running a point-of-sale system, or managing a thin client setup, this machine handles multitasking with ease. Its embedded Thinix operating system boots quickly and runs reliably day in, day out, without the bloatware of consumer operating systems.

### Built for demanding environments

Housed in a powder-coated steel chassis, this mini PC withstands the bumps and vibrations of shop floors, kiosks, and factory lines. The compact footprint saves valuable desk or rack space, while the wide operating temperature range ensures consistent performance in temperatures from 0 to 40 degrees Celsius. You get industrial-grade durability without sacrificing computing power.

### Designed for remote management and security

Out of the box, the Neo R/4 supports RDP, VNC shadowing, and SSH for secure remote display and control. Browser-based management tools let you update, monitor, and troubleshoot from anywhere. With Java, Python, and glibc support, your custom applications run natively. And because it runs Thinix Embedded Linux, you enjoy a locked-down environment that minimises attack surfaces and reduces IT overhead.

### The smart choice for modern business

No WiFi means no security risks from wireless networks – perfect for cabled, high-security environments. The inclusion of both HDMI and VGA ports gives you flexible display options, while the USB 3.2 and Gigabit Ethernet deliver fast data transfers and network throughput. Energy efficient and backed by BIS, RoHS, and ISO certifications, the Neo R/4 is the reliable workhorse your operations deserve.



# 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 |
|----------|-----------|

### 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 | 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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