



## Thinvent Neo R/4 Mini PC

### AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

### 32GB DDR4 RAM

### 32GB MLC SSD

### Dual Band WiFi

### Without OS

SKU: R-R5\_7-32-S32-19\_3-M-W\_OS-0



Compact power that redefines your industrial edge.

Built for the tasks that demand consistent, reliable performance in the most space-constrained environments, the Thinvent Neo R/4 Mini PC puts genuine AMD processing muscle exactly where you need it. Whether you are driving digital signage, powering a thin client workstation, running a self-service kiosk, or managing automation on the factory floor, this little box delivers the headroom you need to keep operations flowing smoothly.

- Experience the energy efficiency and multi-tasking capability of a six-core AMD Ryzen 5 processor – no more struggling with sluggish systems or worrying about thermal overhead in sealed enclosures.

Keep everything quiet and cool thanks to a fan-based

- thermal design that handles continuous 24/7 duty cycles, so your deployment stays stable year after year.

- Connect effortlessly with integrated dual-band WiFi and Gigabit Ethernet, giving you the flexibility to place it anywhere on your network without running extra cables.
- Drive a legacy VGA display alongside a modern HDMI monitor – ideal for setups that bridge old and new equipment without adaptors.
- Pick the operating system yourself, because no bundled OS means you can deploy exactly the software stack your business requires, from Windows to Linux to custom embedded platforms.

The steel housing and powder-coated finish stand up to the bumps and knocks of real-world industrial settings. And with a compact footprint that fits neatly behind a monitor, inside a kiosk, or on a DIN rail mount, the Neo R/4 is the miniature powerhouse that makes your next project simpler, smarter, and more cost-effective.



# 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     | 32 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 | Without OS |
|------------------|------------|

## 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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