



# Thinvent Neo R/4 Mini PC

## Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

**16GB DDR4 RAM**

**256GB SSD**

**No WiFi**

**Windows 11 Pro**

SKU: R-I5\_12H-16-M256-12\_7-X-11P-0



Power meets precision in a pint-sized powerhouse.

Why settle for bulky when this compact marvel delivers desktop-class performance in a tiny footprint? The Thinvent Neo R/4 Mini PC is built to make your workspace cleaner, your workflow faster, and your setup simpler. Whether you're running a busy retail till, a digital signage network, or a quiet home office, this little machine punches well above its weight.

### Exceptional performance for demanding tasks

- The latest Intel Core i5 processor powers through spreadsheets, presentations, video calls, and light content creation without breaking a sweat
- Windows 11 Pro gives you security, remote desktop, and business-grade management tools out of the box
- Silent, fanless operation means no distracting hum – perfect for libraries, clinics, or open-plan offices

### Designed to fit your space and your budget

- Takes up barely any room on a desk, behind a monitor, or tucked away in a cabinet
- Solid steel chassis with a powder-coated finish shrugs off dust and bumps in busy environments
- Minimal power consumption keeps running costs low – ideal for always-on applications

### Connect with confidence

- Dual USB 3.2 ports for speedy data transfers, plus legacy USB 2.0 for older peripherals
- HDMI and VGA outputs let you hook up two displays for multitasking that works
- Gigabit Ethernet ensures a rock-solid wired network connection every time

Ready to deploy straight from the box with Windows 11 Pro pre-installed, this Mini PC is the smart choice for anyone who values reliability, performance, and a tidy workspace. Upgrade your infrastructure without upgrading your desk.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 12450H  |
| Cores           | 8       |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 256 GB  |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|         |   |
|---------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 1.72kg, 2.13kg        |

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

### PRODUCT CODE

**R-i5\_12H-[RAM]-[SSD]-12\_7-[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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