



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: R-I5_14-8-M512-12_5-M-11P-KM



Unleash Productivity in a Compact Powerhouse

The Thinvent® Neo R/4 Mini PC redefines desktop computing, blending exceptional performance with a sleek, space-saving design. Experience seamless multitasking and swift responsiveness powered by the Intel® Core™ 5 120U processor, featuring a potent 10 cores that reach up to 5.0 GHz with a 12 MB cache for demanding applications.

Key Performance Highlights

- Unrivaled Processing Power: 10 Cores, up to 5.0 GHz Max Frequency, 12 MB Cache
- Instantaneous Data Access: 256 GB SSD Storage
- Efficient Multitasking: 4 GB DDR4 RAM

Versatile Connectivity

- Multiple Display Options: 2 HDMI, 1 VGA
- Enhanced Audio: 1 Speaker Out, 1 Mic In
- Fast Data Transfer: 2 USB 3.0, 2 USB 2.0

- High-Speed Networking: 1000 Mbps Ethernet, Dual Band Wi-Fi 5 (802.11ac)

Designed for Your Workspace

- Durable and Stylish: Black steel housing with power coating
- Compact Footprint: 198mm x 200mm x 73mm, just 110 grams
- Complete Solution: Includes Thinvent® Keyboard and Mouse set

Integrated Operating System

- Robust and Secure: Microsoft Windows 11 Pro

Reliable Power and Environmental Compliance

- Efficient Power Management: 12V 7A Adapter, 100~275 Volts AC input
- Built to Last: Operating Temperature 0°C ~ 40°C, Humidity 20% ~ 80% RH
- Certified Quality: BIS, RoHS, ISO compliant



Specifications

PROCESSING

| | |
|-----------------|--------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 8 GB |
| SSD Storage | 512 GB |

DISPLAY

| | |
|------|---|
| HDMI | 2 |
| VGA | 1 |

AUDIO

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

CONNECTIVITY

| | |
|---------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |

NETWORKING

| | |
|---------------------|-------------------------------|
| Ethernet | 1000 Mbps |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

POWER

| | |
|--------------|--|
| DC Voltage | 12 Volts |
| DC Current | 5 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 | 1.74kg, 2.16kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

OPERATING SYSTEM

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

Ordering Information

| PRODUCT CODE | |
|---|--|
| R-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | |
| RAM | 4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4 |
| SSD | m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB |
| Wireless | m = Dual Band WiFi X = No WiFi |
| OS | DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux |
| Accessories | 0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse |

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