



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## No WiFi

## DOS

## Thinvent Keyboard and Mouse set



SKU: R-I5\_14-16-S256-12\_10-X-DOS-KM

## Unleash Compact Power: The Thinvent® Neo R/4 Mini PC

Experience a desktop powerhouse in a surprisingly small footprint. The Thinvent® Neo R/4 Mini PC, powered by the Intel® Core™ 5 120U processor, delivers exceptional performance for your everyday computing needs. Its 10 cores, reaching up to 5.0 GHz, and 12 MB cache ensure swift multitasking and responsive application handling.

### Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)
- Memory: 8 GB DDR4 RAM for smooth operation
- Storage: 256 GB SSD for rapid boot times and quick file access
- Display Outputs: Dual HDMI for versatile dual-monitor setups, plus a VGA port
- Connectivity: 2 x USB 3.0 and 2 x USB 2.0 ports for all your peripherals
- Networking: Gigabit Ethernet (1000 Mbps) for stable, high-speed internet
- Audio: Speaker Out and Mic In for multimedia and communication

- Power: Efficient 12V 7A adapter included, with universal 100~275 Volts AC input

Designed for the modern workspace, this Mini PC boasts a robust steel housing with a sleek black power coating. Its compact dimensions (198mm × 200mm × 73mm) and lightweight design (110 grams) make it ideal for space-constrained environments. Included is a Thinvent® Keyboard and Mouse set, ready for immediate use with the pre-installed FreeDOS operating system. Enjoy reliable performance with certifications like BIS, RoHS, and ISO.

### Included Peripherals

- Thinvent® Keyboard and Mouse set
- 12V 7A Adapter with a 2 Metre cable

### Reliability and Durability

- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing
- Housing Material: Steel
- Housing Finish: Power Coating
- Housing Colour: Black



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |        |
|-----------------|--------|
| Generation      | 14th   |
| Series          | i5     |
| Processor Brand | Intel  |
| Processor Model | 120U   |
| Cores           | 10     |
| Max Frequency   | 5 GHz  |
| Cache           | 12 MB  |
| Main Memory     | 16 GB  |
| SSD Storage     | 256 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 |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 10 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 | 1.84kg, 2.26kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## 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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