



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 4GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## DOS

SKU: R-I5\_14-4-S256-12\_5-M-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Discover the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for peak efficiency and exceptional versatility. This sleek device redefines desktop computing, delivering robust performance without occupying valuable space.

### Unrivalled Performance

- Experience lightning-fast responsiveness with the Intel® Core™ 5 120U processor, boasting 10 cores and speeds up to 5.0 GHz with 12 MB cache for seamless multitasking and demanding applications.
- Blaze through tasks with 16GB DDR4 RAM, ensuring smooth operation whether you're working, browsing, or streaming.
- Store more and access it faster than ever on the massive 1TB SSD, offering instant boot-ups and rapid application loading.

### Connectivity & Expandability

- Drive up to three displays simultaneously with dual HDMI and a VGA port, perfect for extensive workspaces or dynamic digital signage.

- Stay connected with super-fast dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port for reliable wired networking.
- Four USB ports (2x 3.0, 2x 2.0), along with dedicated speaker out and mic in, ensure all your peripherals are easily accommodated.

### Designed for Durability and Flexibility

- Housed in a robust steel chassis with a sleek power-coated black finish, the Neo R/4 is built to last and weighs a mere 110 grams, making it incredibly portable.
- Its energy-efficient 12V power adapter and wide voltage compatibility (100-275V AC) mean reliable operation anywhere.
- Pre-installed with FreeDOS, it offers you the freedom to choose and install your preferred operating system.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental responsibility.

Dimensions: 198mm × 200mm × 73mm.



# 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     | 4 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                     |
| 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 | 1.23kg, 1.65kg        |

### 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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