



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 2TB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: R-I5\_14-32-M2048-12\_7-M-U-0



## The Future of Productivity Fits in Your Palm.

Experience unparalleled power and efficiency with the Thinvent® Neo R/4 Mini PC, engineered for the demands of modern computing. This ultra-compact powerhouse redefines what's possible from a desktop, delivering robust performance without compromise.

### Performance at its Core

- Unleash incredible speed with the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache for seamless multitasking and demanding applications.
- Power through any workload with 32GB DDR4 RAM, ensuring silky-smooth operation.
- Enjoy lightning-fast boot-ups and ultra-responsive performance from the 32GB MLC SSD.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source computing environment with long-term support.

### Seamless Connectivity

- Drive up to three displays simultaneously with 2x HDMI and 1x VGA ports, boosting your productivity.

- Connect all your peripherals effortlessly via 2x USB 3.0 and 2x USB 2.0 ports.
- Stay connected with high-speed dual-band Wi-Fi 5 (802.11ac) and a reliable 1000 Mbps Ethernet port.
- Integrated speaker out and mic in ensure a complete audio experience.

### Designed for Durability and Efficiency

- Weighing just 110 grams and measuring a mere 198mm x 200mm x 73mm, this Mini PC vanishes into any workspace.
- Built with a robust steel housing with a sleek black powder coating, it's designed to last.
- Energy-efficient operation with a 12V 7A adapter, featuring a 2-metre cable and supporting 100~275 Volts AC input (1.5 Amps maximum).
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Engineered for reliability in temperatures from 0°C to 40°C and 20% to 80% RH non-condensing.



# 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     | 32 GB   |
| SSD Storage     | 2048 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   | 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 | 1.32kg, 1.74kg        |

### OPERATING SYSTEM

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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 |
| SSD                                                    | m128 = 128GB                    |              | m256 = 256GB                    |                |
|                                                        | m512 = 512GB                    |              | m1024 = 1TB                     |                |
|                                                        | m2048 = 2TB                     |              | 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            |                |
|                                                        | 110 = Windows 11 Professional   |              | 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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