

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

1TB SSD

No WiFi

DOS



SKU: R-I5\_14-64-M1024-12\_5-X-DOS-0

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

Experience unparalleled performance in a compact form with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, its Intel® Core™ 5 120U processor, with 10 cores and up to 5.0 GHz turbo frequency (12 MB cache), delivers lightning-fast processing for seamless multitasking and robust application handling.

### Key Performance Features

- Blazing-fast Intel® Core™ 5 120U processor
- 10 processing cores for superior multitasking
- Up to 5.0 GHz max frequency for demanding workloads
- 12 MB cache for quick data access
- 8GB DDR4 RAM ensures smooth operation
- 256GB SSD for rapid boot times and instant application loading

### Connectivity and Versatility

Transform your workspace with extensive connectivity. The Neo R/4 supports versatile display setups and offers essential ports for all your peripherals.

### Connectivity Highlights

- Dual HDMI and one VGA port for multi-monitor productivity
- Two USB 3.0 and two USB 2.0 ports for diverse peripheral support
- Dedicated Speaker Out and Mic In ports
- Gigabit Ethernet (1000 Mbps) for stable, high-speed wired networking

### Durable Design and Flexibility

Crafted for durability and a professional aesthetic, this mini PC boasts a robust steel housing with a sleek black powder coating. Its ultra-compact design (just 110 grams) ensures a minimal desk footprint. Pre-installed with FreeDOS, it gives you the freedom to choose your preferred operating system.

### Product Specifications

- Dimensions: 198mm x 200mm x 73mm
- Weight: 110 grams
- Housing: Steel with Black Powder Coating
- Operating System: FreeDOS (No WiFi)
- Certifications: BIS, RoHS, ISO



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 14th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 120U    |
| Cores           | 10      |
| Max Frequency   | 5 GHz   |
| Cache           | 12 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 1024 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

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

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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

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

## Ordering Information

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

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