



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## No WiFi

## Thinux Embedded Linux

## Thinvent Keyboard and Mouse set



SKU: R-I5\_14-16-M128-12\_5-X-THINUX-KM

Unleash Productivity with the Thinvent® Neo R/4 Mini PC: Powerhouse Performance, Compact Design.

Experience unparalleled efficiency and a streamlined user experience with the Thinvent® Neo R/4 Mini PC. Engineered for robust performance and seamless operation, this compact powerhouse is your ideal solution for modern computing needs.

### Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache) for lightning-fast task execution.
- Memory: 32GB DDR4 RAM ensures smooth multitasking and effortless application handling.
- Storage: A swift 256GB SSD provides rapid boot times and quick file access.

### Connectivity and Versatility

- Display Options: 2 HDMI and 1 VGA port for flexible multi-monitor setups.
- Audio: 1 Speaker Out and 1 Mic In for clear audio input and output.
- Ports: 2 USB 3.0 and 2 USB 2.0 ports for all your peripheral needs.
- Networking: 1000 Mbps Ethernet for reliable, high-speed internet.

### Built for Reliability and Efficiency

- Power: 12V 7A Adapter, compatible with 100~275 Volts AC input.
- Durability: Steel housing with a sleek black powder coating.
- Compact: Dimensions of 198mm × 200mm × 73mm and a lightweight of 110 grams.

### Powered by Thinux™ Embedded Linux

- Optimized Operating System: Thinux™ provides a secure and efficient environment, pre-loaded with essential applications.
- Essential Software: Includes Chromium and Mozilla Firefox for web browsing, LibreOffice for productivity, and a multimedia player.
- Remote Capabilities: Supports RDP 10, Putty, SSH, and VNC shadowing for seamless remote access and management.
- Development Support: Java, Python, and glibc for location-based applications.

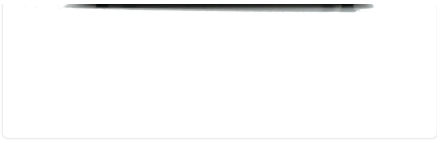
### Included Accessories

- Thinvent® Keyboard and Mouse set for immediate productivity.

### Certifications

- BIS, RoHS, ISO certified for quality and safety.





## 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     | 16 GB  |
| SSD Storage     | 128 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 | 1.74kg, 2.16kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

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|                  |  |
|------------------|--|
| Operating System | Thinvent® Thinux™ Embedded Linux   |
| OS Features      | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

## 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>Thinix</b> = Thinix™ 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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