



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Thinix Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: R-I3\_12-32-M256-12\_5-M-THINUX-KM



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

Experience seamless performance and efficient operations with the Thinvent® Neo R/4 Mini PC. Engineered for reliability and speed, this compact powerhouse is your ideal solution for modern computing needs.

#### Key Specifications

- Processor: Intel® Core™ i3-1215U with 6 cores, reaching up to 4.4 GHz and a 10 MB cache for swift multitasking.
- Memory & Storage: 4GB DDR4 RAM coupled with a spacious 1TB SSD ensures fast boot times and ample storage.
- Connectivity: Versatile ports including HDMI, VGA, 2x USB 3.2, 2x USB 2.0, and 1000 Mbps Ethernet.
- Wireless: Stay connected with Dual Band WiFi (Wi-Fi 5, 802.11ac).

#### Included Peripherals and Software

- Operating System: Runs on Thinix™ Embedded Linux, optimized for performance and security.
- Bundled Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set for an immediate out-of-the-box experience.

#### Designed for Efficiency

- Robust Construction: A durable steel housing with a sleek black powder coating ensures longevity.
- Compact Design: Measuring just 198mm × 200mm × 73mm and weighing a mere 110 grams, it saves valuable desk space.
- Power: Powered by a 12V 7A adapter with a universal input (100~275 Volts AC).

#### Thinix™ Embedded Linux Features

- Enhanced Browsing: Includes Chromium and Mozilla Firefox browsers.
- Remote Access: Supports RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for remote display.
- Management: Features browser-based remote management and VNC shadowing.
- Development Support: Offers Java, Python, and glibc based location application support.
- Productivity Tools: Comes with LibreOffice and a PDF viewer.
- Multimedia: Enjoy multimedia playback with MPEG4 support.
- Communication: Integrated SIP for video and voice over IP.

Ideal for various environments, the Thinvent® Neo R/4 delivers exceptional value and performance.





## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	256 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### 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	2.11kg, 2.52kg

### ACCESSORIES

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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

## Ordering Information

PRODUCT CODE	
<b>R-i3_12-[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>32</b> = 32GB DDR4 <b>64</b> = 64GB 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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