



# Thinvent Neo R/4 Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Thinux Embedded Linux

SKU: R-I5\_12-4-M1024-12\_5-M-THINUX-0



Unleash Mighty Performance in a Mini Footprint.

Experience revolutionary compact computing with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this powerhouse delivers exceptional speed and efficiency, perfect for business, education, and industrial applications where space and reliability are paramount.

### Unrivaled Performance

- Driven by the Intel® Core™ i5-1250P processor featuring 12 cores, a blistering 4.4 GHz max frequency, and a generous 12 MB cache, it handles multitasking and complex applications with ease.
- Boasting 32GB DDR4 RAM, you'll experience seamless transitions and rapid processing.
- A 128GB SSD ensures lightning-fast boot times and application loading, keeping your workflow uninterrupted.

### Thinvent® Thinux™ Advantage

- Pre-installed with Thinvent® Thinux™ Embedded Linux, this Mini PC offers a secure, stable, and highly customizable environment.
- Benefit from full browser support with Chromium and Mozilla Firefox, alongside essential productivity tools like LibreOffice and a PDF viewer.

- Advanced remote management features include RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based management, and VNC shadowing for unparalleled control and accessibility.
- Enjoy robust application support for Java, Python, and glibc-based solutions, plus integrated multimedia playback and SIP video/voice over IP capabilities.

### Connectivity and Design

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet (1000 Mbps).
- Extensive I/O includes HDMI, VGA, two USB 3.2, and two USB 2.0 ports, catering to all your peripheral needs.
- Encased in a durable, powder-coated black steel housing, this device is built to last, yet incredibly lightweight at just 110 grams, offering extreme portability.

### Reliability and Efficiency

- Designed for diverse environments, it operates reliably from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO standards, ensuring quality and environmental responsibility.
- The 12V 7A adapter ensures efficient power delivery with a wide input range (100-275V AC).





## Specifications

### PROCESSING

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Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	1024 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

### 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	1.62kg, 2.04kg

### 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

**R-i5\_12-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<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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