



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM

32GB MLC SSD

No WiFi

Windows 11 IoT Value



SKU: R-I3\_13-32-S32-12\_5-X-11V-0

Thinvent® Neo R/4: Compact Power, Uncompromised Performance.

Unleash the potential of efficient computing with the Thinvent® Neo R/4 Mini PC, engineered for reliability and robust performance in any professional environment. This ultra-lightweight powerhouse, weighing a mere 110 grams, seamlessly integrates into your setup without sacrificing an inch of capability.

### Performance at its Core

- Experience swift and responsive operations powered by the Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz for demanding tasks.
- Multitask effortlessly with a generous 16GB DDR4 RAM, ensuring smooth application handling.
- Enjoy rapid boot times and quick access to your critical data on the lightning-fast 128GB SSD.

### Designed for Stability and Security

- Pre-loaded with Windows 11 IoT Enterprise LTSC 2024 Value, this system offers a secure, stable, and long-term supported platform ideal for dedicated applications.

- Benefit from enhanced network security and unwavering reliability with its dedicated 1000 Mbps Ethernet connection, making it perfect for secure installations where wireless connectivity is undesirable or restricted.

### Versatile Connectivity and Durable Build

- Connect effortlessly with multiple ports including 1x HDMI, 1x VGA for versatile dual display output, 2x USB 3.2, and 2x USB 2.0.
- Crafted with a robust black powder-coated steel housing, the Neo R/4 is built to withstand rigorous use while maintaining a sleek, professional appearance.
- Its ultra-compact dimensions (198mm x 200mm x 73mm) allow for discreet placement in space-constrained areas.

### Certified for Excellence

- Trust in its quality and reliability, backed by BIS, RoHS, and ISO certifications, ensuring compliance with global standards.

The Thinvent® Neo R/4 Mini PC is your go-to solution for digital signage, kiosks, industrial control, and demanding office applications where reliability, security, and a minimal footprint are paramount.



## Specifications

### PROCESSING

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Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	32 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
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### 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	1.52kg, 1.94kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE			
<b>R-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>			
<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>64</b> = 64GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB <b>S128</b> = 128GB		<b>m256</b> = 256GB <b>m512</b> = 512GB <b>S32</b> = 32GB MLC <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>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>1S</b> = DB9 Serial <b>Mo</b> = Wired Optical Scroll Mouse		<b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard

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