



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## No WiFi

## Windows 11 Pro

## DB9 Serial



SKU: R-I3\_13-32-M1024-12\_5-X-11P-1S

Unleash Compact Power, Engineered for Precision and Reliability.

The Thinvent® Neo R/4 Mini PC redefines efficiency, delivering robust performance in an incredibly small footprint. Designed for professional environments where reliability, dedicated wired connectivity, and specific legacy hardware support are paramount, this mini PC is your dependable workhorse.

### Core Performance

- Powered by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and featuring a 10 MB cache, it handles demanding tasks with ease.
- Experience lightning-fast boot-ups and rapid application loading thanks to the expansive 1TB SSD.
- Multitask seamlessly with 4GB DDR4 RAM, ensuring smooth operation.
- Pre-installed with Windows 11 Pro, you get enhanced security, productivity features, and a modern user experience.

### Essential Connectivity

- Prioritizing secure, stable networks, it features a Gigabit Ethernet port for reliable wired connectivity, with no WiFi for environments requiring strict network control.

- Critical for industrial control, POS systems, and specialized peripherals, a dedicated DB9 serial port provides essential legacy support.
- Connect multiple displays with both HDMI and VGA outputs.
- Four USB ports (2x USB 3.2, 2x USB 2.0) ensure ample peripheral connectivity.
- Audio needs are covered with a Speaker Out and Mic In.

### Built to Last

- Its robust steel housing with a durable powder coating in black protects internal components.
- Compact dimensions (198mm x 200mm x 73mm) and an astonishingly low weight of 110 grams make deployment effortless.
- Engineered for demanding conditions, it operates reliably in temperatures from 0°C to 40°C.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and compliance.

### Power and Versatility

- Powered by a 12V 7A adapter with a 2-meter cable, it's ready for immediate deployment.



# Thinvent Neo R/4 Mini PC



## 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	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
Serial Port	1 DB9 male RS232

### 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 Pro
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## Ordering Information

### PRODUCT CODE

**R-i3\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<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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