

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## No WiFi

## Without OS

## DB9 Serial



SKU: R-I3\_12-16-M256-12\_5-X-W\_OS-1S

Your Robust Foundation for Customized Performance: The Thinvent® Neo R/4 Mini PC.

Discover the Thinvent® Neo R/4, a powerful and adaptable mini PC engineered for reliability and precision. Designed for scenarios demanding stable wired connectivity and full operating system flexibility, this compact powerhouse delivers exceptional performance without compromise.

### Core Performance

- Experience swift multitasking and efficient processing with the Intel® Core™ i3-1215U processor, featuring 6 cores, a max frequency of 4.4 GHz, and a 10 MB cache.
- Enjoy rapid boot times and seamless application loading thanks to 8GB of DDR4 RAM and a responsive 128GB SSD.

### Built for Specific Needs

- Embrace unparalleled control with a "Without OS" configuration, empowering you to install the operating system best suited for your specific application, whether it's embedded, industrial, or enterprise.
- Benefit from enhanced security and stability with no integrated WiFi, focusing on robust wired network connections via 1000 Mbps Ethernet.

- Critical for industrial and legacy systems, the dedicated DB9 serial port provides essential connectivity for specialized equipment and automation.

### Versatile Connectivity and Durability

- Connect multiple displays with HDMI and VGA outputs.
- Access a range of peripherals through 2x USB 3.2 and 2x USB 2.0 ports.
- Encased in a durable, black powder-coated steel housing, weighing a mere 110 grams, it's built to withstand demanding environments while maintaining a sleek, professional aesthetic.
- Operates reliably across temperatures from 0°C to 40°C and humidity up to 80% RH.

### Certifications

- BIS
- RoHS
- ISO

This is a professional and robust solution, ready to power your unique computing requirements.



# Thinvent Neo R/4 Mini PC



## 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	16 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
Serial Port	1 DB9 male RS232
RS485 Option	1

### 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	1.59kg, 2.01kg

### OPERATING SYSTEM

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Operating System	Without OS
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## 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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

