



# Thinvent Neo R/4 Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 4GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: R-I3\_13-4-S32-12\_5-M-11V-0



Unleash Mighty Performance in a Mini Footprint.

Introducing the Thinvent® Neo R/4 Mini PC, a powerhouse engineered for efficiency and reliability in any workspace. Experience robust computing in an ultra-compact design, perfectly suited for modern business, industrial IoT, or advanced home office setups.

### Experience Unrivaled Speed and Multitasking

- Powered by the Intel® Core™ i3-1315U processor with 6 cores, 10 MB cache, and burst speeds up to 4.5 GHz, handling demanding applications effortlessly.
- 16GB DDR4 RAM ensures seamless multitasking, keeping your workflow fluid and responsive.
- A blazing-fast 256GB SSD provides instant boot-ups and rapid data access, enhancing productivity.
- Navigate effortlessly with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering enhanced security and long-term support for mission-critical applications.

### Versatile Connectivity and Robust Design

- Connect dual displays via HDMI and VGA for an expansive visual workspace.
- Enjoy comprehensive peripheral and audio support with Speaker Out, Mic In, 2 USB 3.2, and 2 USB 2.0 ports.
- Stay connected with lightning-fast 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable wireless networking.
- Its wide-range 100~275V AC input power adapter ensures global compatibility and consistent 12V 7A DC output.
- Housed in durable, black power-coated steel, this mini PC weighs only 110 grams and measures a mere 198mm x 200mm x 73mm, making it incredibly portable and space-saving.
- Designed for continuous operation from 0°C to 40°C in 20% ~ 80% non-condensing humidity, ensuring reliability in diverse environments.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.

The Thinvent® Neo R/4 is your compact solution for high-performance, dependable computing, built to excel where space is at a premium.



## Specifications

### PROCESSING

---

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	4 GB
SSD Storage	32 GB

### DISPLAY

---

HDMI	1
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1

### CONNECTIVITY

---

USB 3.2	2
USB 2.0	2

### NETWORKING

---

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

### POWER

---

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

---

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

---

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

---

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
------------------	---

## 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>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

