



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: R-I3_13-8-M2048-12_5-M-11P-1S



Thinvent Neo R/4: Redefine Your Workspace with Ultimate Compact Power.

Experience the Thinvent® Neo R/4 Mini PC, a perfect blend of high performance and minimal footprint. Engineered for professionals, this compact powerhouse delivers exceptional speed and reliability for all your computing needs.

Unrivalled Performance

At its core, the Intel® Core™ i3-1315U processor with 6 cores and a blazing 4.5 GHz max frequency ensures seamless multitasking and rapid application loading. Coupled with 8GB DDR4 RAM and a lightning-fast 1TB SSD, expect instant boot-ups, quick file access, and enhanced productivity.

Versatile Connectivity and Control

The Neo R/4 is designed for comprehensive connectivity.

- Stable, high-speed wireless internet with dual-band Wi-Fi 5 (802.11ac).

- Flexible peripheral support with two USB 3.2 and two USB 2.0 ports.
- Drive dual displays via HDMI and VGA for expanded visual workspace.
- A dedicated DB9 serial port offers essential legacy or industrial control, a unique advantage.
- Robust Gigabit Ethernet for wired networking.

Built for Your Demands

Running Windows 11 Pro, it offers enhanced security and a modern interface. Its robust steel housing with a black powder coating ensures durability. Ultra-compact (198mm × 200mm × 73mm) and incredibly light (110 grams), it fits anywhere. Certified with BIS, RoHS, and ISO, it guarantees quality and operates reliably from 0°C to 40°C.

Upgrade your workspace with the Thinvent Neo R/4 – where power meets portability.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	8 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

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 Pro
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Ordering Information

PRODUCT CODE

R-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m512 = 512GB

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

www.thinvent.insales@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

