



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

Dual Band WiFi

Without OS

SKU: R-I3_12-16_16-S256-12_7-M-W_OS-0



Unleash Your Productivity with the Thinvent® Neo R/4 Mini PC: Compact Powerhouse!

Experience unparalleled performance and versatility with the Thinvent® Neo R/4 Mini PC. This ultra-compact desktop solution is engineered to deliver seamless multitasking and efficient computing for all your professional and personal needs.

Key Processor Power

- Powered by the Intel® Core™ i3-1215U processor, boasting 6 cores and reaching up to 4.4 GHz with a 10 MB cache.

Blazing Fast Memory and Storage

- Multitask with ease thanks to a massive 64GB of DDR4 RAM.
- Enjoy rapid boot times and quick application loading with the 256GB SSD.

Versatile Connectivity

- Dual display support with 1 HDMI and 1 VGA port.
- Connect all your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- High-speed internet with 1000 Mbps Ethernet.

- Seamless wireless experience with Dual Band Wi-Fi 5 (802.11ac).
- Integrated audio with 1 Speaker Out and 1 Mic In.

Built for Reliability

- Robust steel housing with a sleek black power-coated finish.
- Compact dimensions (198mm x 200mm x 73mm) and lightweight design (110 grams).
- Operates efficiently within a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH.
- Includes a 12V 7A adapter for stable power.

Choose Your Operating System

- This model comes Without OS, giving you the flexibility to install your preferred operating system.

Certifications

- BIS, RoHS, ISO certified for quality and safety.

Elevate your workspace with the Thinvent® Neo R/4 Mini PC – where performance meets portability.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

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

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.68kg, 2.10kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

R-i3_12-[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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu 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

