



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: R-I5_12-32_32-M512-12_10-M-11V-0



Unleash Mighty Performance in a Minimal Footprint.

Experience unparalleled power and compact efficiency with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this powerhouse features an Intel® Core™ i5-1250P processor with 12 cores, clocking up to 4.4 GHz with a 12 MB cache, ensuring seamless multitasking and rapid application execution. Coupled with 8GB DDR4 RAM and a lightning-fast 512GB SSD, boot times are instant and data access is swift, making your workflow incredibly responsive.

Operating System Excellence

Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, the Neo R/4 provides a secure, stable, and long-term supported platform, ideal for dedicated business applications and industrial deployments.

Compact and Connected

Despite its incredibly small dimensions of 198mm × 200mm × 73mm and featherlight 110 grams weight, this Mini PC offers comprehensive connectivity. You get 2 USB 3.2 and 2 USB 2.0 ports, a Gigabit Ethernet port (1000 Mbps), dual-band Wi-Fi 5 (802.11ac) for flexible wireless networking, and essential display outputs including HDMI and VGA. Audio is covered with speaker out and mic in jacks.

Built for Durability

The Neo R/4 is housed in robust, powder-coated black steel, designed for reliable operation in environments from 0°C to 40°C with 20% to 80% non-condensing humidity. It's certified with BIS, RoHS, and ISO standards, ensuring quality and compliance. The efficient 12V 7A adapter with a wide 100~275 Volts AC input and 2-meter cable provides versatile power.

This Mini PC redefines performance and reliability in a discreet, energy-efficient package.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	512 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	10 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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

R-i5_12-[RAM]-[SSD]-12_10-[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

Thinux = Thinux™ 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

