



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

32GB MLC SSD

No WiFi

Without OS

DB9 Serial



SKU: R-I5_12-8_8-S32-12_10-X-W_OS-1S

Thinvent Neo R/4: Compact Power, Unyielding Performance, Built for Your Demanding World.

Introduction

Discover the Thinvent® Neo R/4 Mini PC, an industrial-grade workhorse engineered for specialized applications requiring robust performance and steadfast reliability. This compact powerhouse is perfect for automation, industrial control, point-of-sale systems, and secure business environments where dedicated, wired connectivity is paramount.

Unmatched Performance

Experience lightning-fast processing with the Intel® Core™ i5-1250P processor, featuring 12 cores and a boost frequency up to 4.4 GHz for seamless multitasking and rapid data handling. Paired with a massive 32GB DDR4 RAM, the Neo R/4 effortlessly manages intensive workloads, while the 128GB SSD ensures quick boot times and swift application launches.

Connectivity and Adaptability

Designed for specialized integration, the Neo R/4 boasts a crucial DB9 male RS232 serial port for legacy device communication and industrial automation. Connect with confidence via a stable 1000 Mbps Ethernet port. Dual display support is provided through HDMI and VGA outputs, catering to diverse display setups. With no pre-installed OS and no WiFi, you gain the ultimate flexibility to configure your system for maximum security and specific operational needs.

Robust Design and Reliability

Encased in a durable, black powder-coated steel housing, this mini PC is built to endure. Its incredibly compact dimensions (198mm x 200mm x 73mm) and lightweight design (110 grams) allow for versatile mounting and deployment in tight spaces. Operating reliably between 0°C and 40°C, the Neo R/4 is backed by BIS, RoHS, and ISO certifications, ensuring quality and peace of mind.

Power and Efficiency

Power your operations with a robust 12V 7A adapter, capable of handling a wide 100~275 Volts AC input, making it globally adaptable and resilient.



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	16 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
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
----------	-----------

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	Without OS
------------------	------------

Ordering Information

PRODUCT CODE

R-i5_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

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.in

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

