



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)

1TB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: R-I5-12-32-32-M1024-12_7-M-W_OS-1S



Unleash Mighty Performance in a Mini Footprint.

Introducing the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for peak efficiency and robust reliability. Experience unparalleled speed and seamless multitasking with the Intel® Core™ i5-1250P processor, boasting 12 cores and a blistering 4.4 GHz maximum frequency. With a generous 12 MB cache, 8GB of DDR4 RAM, and a lightning-fast 1TB SSD, your applications will launch instantly and run flawlessly.

Ready for Versatility

This mini PC provides the freedom to install your preferred operating system. Connectivity is exceptional, featuring

- Dual display support with HDMI and VGA ports
- Four USB ports (two 3.2, two 2.0) for all your peripherals

- A dedicated DB9 serial port, perfect for industrial control or legacy device integration
- Gigabit Ethernet for ultra-fast wired networking
- Dual-band Wi-Fi 5 for reliable wireless access
- Integrated speaker out and microphone in ports for complete audio connectivity

Built to Endure

Encased in durable, power-coated black steel, the Neo R/4 is built for longevity. Its remarkably compact dimensions (198mm × 200mm × 73mm) and incredibly light weight (110 grams) make it ideal for any workspace, integrating discreetly. Operating efficiently between 0°C and 40°C, and certified by BIS, RoHS, and ISO, you can trust its quality and performance. Power it reliably with the included 12V 7A adapter and 2-meter cable.



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	1024 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	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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Without OS
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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

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