



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

DB9 Serial



SKU: R-I5_12-8-M512-12_10-X-U-1S

Unleash unparalleled performance in a remarkably compact design.

Thinvent® Neo R/4 Mini PC

Experience the future of efficient computing. Engineered for demanding tasks, this powerhouse features an Intel® Core™ i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz, backed by 12 MB cache for seamless multitasking and rapid data processing.

Core Specifications

- Processor: Intel® Core™ i5-1250P (12 cores, up to 4.4 GHz, 12 MB cache)
- Memory: 8GB DDR4 RAM for smooth application handling
- Storage: Blazing-fast 1TB SSD ensures lightning-quick boot times and ample space for your data
- Operating System: Pre-installed Ubuntu Linux 24.04 LTS for robust, secure, and flexible open-source computing

Connectivity & Durability

Designed for reliability and integration, the Neo R/4 offers essential wired connectivity, eliminating wireless vulnerabilities for enhanced security and stability. Its crucial DB9 serial port makes it ideal for industrial automation, legacy systems, and specialized peripherals. Encased in a durable, black powder-coated steel housing, this Mini PC is built to withstand diverse environments. Weighing just 110 grams, its compact form factor (198mm × 200mm × 73mm) integrates effortlessly into any setup.

Essential Features

- Robust wired network via 1000 Mbps Ethernet
- Versatile display options with 1 HDMI and 1 VGA port
- Four USB ports (2x 3.2, 2x 2.0) for peripheral expansion
- Dedicated DB9 male RS232 serial port for specialized applications
- Wide operating temperature range (0°C ~ 40°C) and humidity tolerance for challenging conditions
- Certified for quality and compliance: BIS, RoHS, ISO standards

The Thinvent® Neo R/4 is your reliable, high-performance solution for challenging industrial settings, dedicated workstations, or specialized computing needs.



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	8 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
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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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	Ubuntu Linux 24.04 LTS
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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

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