



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Pro

DB9 Serial



SKU: R-I5_12L-8-M2048-12_5-X-11P-1S

The Unshakeable Core of Your Industrial Edge: Introducing the Thinvent® Neo R/4 Mini PC. This robust, compact powerhouse is engineered to thrive where others falter, delivering unwavering performance in demanding environments.

Why the Neo R/4 is Your Essential Partner

Uncompromising Reliability for Critical Operations

- Its industrial-grade build and 12th Gen Intel® Core™ processing muscle ensure smooth, fault-resistant operation for automation, control systems, and digital signage.
- Dual Gigabit Ethernet ports provide essential network redundancy and connectivity for machine-to-machine communication.

Designed for Seamless Integration

- The dedicated DB9 serial port connects effortlessly to legacy machinery, POS systems, and specialised industrial equipment without clumsy adapters.

- Its compact, steel housing and wide voltage input allow for flexible, space-saving deployment almost anywhere on your shop floor or facility.

Pure, Purpose-Built Performance

- Running Windows 11 Pro, it offers a familiar, secure platform for your specialised software, free from the bloat of consumer-grade hardware.
- This is a focused workhorse, built for 24/7 reliability, not distractions. It provides the steadfast computing foundation your industrial applications demand.



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	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

R-i5_12l-[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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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