



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Professional

DB9 Serial

SKU: R-I5_12-64-M512-12_7-M-11O-1S



Compact, capable, and quietly confident – the Thinvent Neo R/4 Mini PC brings desktop-class performance without the bulk.

Why it works so hard for you:

- Fits neatly on a desk, behind a monitor, or tucked into a tight space – your workspace stays tidy and productive
- Handles everyday business tasks, multitasking, and office software with ease, so you can keep moving without slowdowns
- Built for the long haul with a robust steel housing that shrugs off knocks and bumps in busy environments
- Runs Windows 11 Professional, giving you the security, management, and remote-working tools that modern businesses rely on

Made for real-world jobs:

- The DB9 serial port means you can connect seamlessly to older industrial machines, point-of-sale systems, and lab equipment – no adapters, no fuss

- Dual-band WiFi lets you go wireless anywhere, while the gigabit Ethernet port offers solid wired reliability when you need it
- Works quietly and efficiently, so it's just as comfortable in an office, a shop floor, or a medical practice

Why choose the Neo R/4:

- A dependable, upgrade-ready foundation that keeps working – and keeps your business moving
- Professional support and certification you can trust, from a manufacturer dedicated to industrial computing
- Simple to set up, simple to use, and simple to maintain – because your time is better spent on the job, not the hardware

If you need a machine that's small on space but big on value, the Thinvent Neo R/4 is the natural choice. It's the smart, practical way to keep your operations running smoothly.



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
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	Microsoft Windows 11 Professional
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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

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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