



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Professional

SKU: R-I5_12L-16-S256-12_7-X-11O-0

Industrial power, pint-sized package.



The Thinvent® Neo R/4 Mini PC proves that great things really do come in small, rugged boxes. Whether you're running a busy production line, a retail system, or a secure network gateway, this little workhorse delivers the dependable performance your operation deserves — all in a footprint that slips neatly into the tightest of spaces.

Why make the Neo R/4 your next investment? It's simple. You need gear that keeps up with your business, not the other way around. The powerful Intel® Core™ i5 processor handles multiple demanding tasks at once, so your applications stay responsive even when the pressure is on. And with a robust steel housing that shrugs off dust, heat, and the rough and tumble of daily industrial life, this is a machine built to keep running when it matters most.

For environments where security and reliability are non-negotiable, the dual Ethernet ports give you rock-solid wired connectivity every single time. No flaky wireless drops, just a stable, fast link to your network and the wider world. And because it comes ready with Windows 11 Professional, you can deploy it straight onto your desk, your wall, or your machinery without fuss.

From digital signage and edge computing to office kiosks and control-room monitoring, the Neo R/4 slots in seamlessly. It's quiet, it's cool, and it's constantly on call.

- Gain effortless performance for multi-tasking and heavy applications.
- Enjoy peace of mind with a rugged steel casing that's built to last.
- Keep your network secure and stable with dual wired LAN ports.
- Save space and reduce clutter with a compact, neat design.
- Deploy immediately with a professional operating system included.

Choose the Thinvent® Neo R/4 — the no-nonsense mini PC that works as hard as you do.



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	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
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NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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_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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