



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

2TB SSD

Dual Band WiFi

Windows 11 Professional

SKU: R-I5_12L-16-M2048-12_5-M-11O-0



Where big ideas meet a tiny footprint.

Meet the Neo R/4 Mini PC – the quiet workhorse that fits neatly into any workspace, shop floor, or wall-mounted setup, yet delivers the kind of responsive performance that makes light work of demanding days.

A serious multitasker

- Tackle spreadsheets, databases, and web apps without the wait
- Run two screens at once for effortless side-by-side work
- Keep dozens of browser tabs open and still feel snappy

Built for business, not just desks

- Twin gigabit network ports make it ideal for firewall, router, or POS applications
- Reliable storage and memory keep your files safe and your systems booting fast

- Professional Windows 11 environment means no learning curve, just productivity

Compact but tough

- Powder-coated steel case shrugs off knocks, dust, and the occasional coffee splash
- Low power draw keeps energy costs down and heat output minimal
- Silent operation lets it live happily in offices, clinics, and retail counters

Perfect for edge computing, digital signage, and back-office tasks, the Neo R/4 gives you desktop-class capability in a form that disappears behind your monitor or under your desk. It is the smart choice for anyone who wants enterprise-grade reliability without the bulk – and without the premium price tag.

Make room for the Neo R/4: the little machine that does the heavy lifting.



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	2048 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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 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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