



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: R-I5_12L-4-S128-12_7-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	4 GB
SSD Storage	128 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	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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