



Thinvent Neo R/4 Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set



SKU: R-I5_12H-8_8-M512-12_5-X-11P-KM

Compact power. Reliable performance. Office-ready from the moment you open the box.

Built for real-world productivity

- Tackle spreadsheets, presentations, and business apps without lag – the latest-generation 8-core processor handles it all effortlessly.
- Save precious desk space with a sturdy steel chassis that takes up less room than a desktop tower, yet stays cool and quiet all day.
- Start working straight away with Windows 11 Pro pre-installed, plus a keyboard and mouse included – no extra shopping or setup time.

Made for demanding environments

- The powder-coated steel housing shrugs off bumps, dust, and daily wear, making it ideal for shop floors, reception desks, or busy offices.

- Low-power operation keeps electricity costs down and heat output minimal, so you can leave it running 24/7 if needed.
- Dual video outputs (HDMI and VGA) let you connect two screens for effortless multitasking – perfect for data entry, point-of-sale, or monitoring systems.

The sensible choice for business

- Thinvent engineering means reliable components and long-term availability – no chasing obsolete hardware mid-project.
- Compact enough to mount behind a monitor or tuck into a tight cabinet, yet powerful enough to run Windows 11 Pro and line-of-business software smoothly.
- If you need a straightforward, no-nonsense mini PC that just works – and works for years – the Neo R/4 is your ready-to-roll solution.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 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

NETWORKING

Ethernet	1000 Mbps
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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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

R-i5_12H-[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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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