



Thinvent Neo R/4 Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set



SKU: R-I5_12H-32_32-M1024-12_7-X-DOS-KM

Power through your daily tasks with the compact powerhouse that fits anywhere.

The Thinvent Neo R/4 Mini PC is built for the modern workplace where space is at a premium but performance cannot be compromised. Its sleek steel housing and whisper-quiet operation make it the perfect fit for reception desks, home offices, retail counters, or industrial workstations.

Why choose the Neo R/4 for your business?

- Effortless multitasking: the Intel Core i5 processor handles spreadsheets, web browsing, email, and video calls without lag, so you stay productive all day.
- Ready to run out of the box: a 128GB SSD means snappy boot times and quick file access, while 4GB of RAM keeps everyday applications responsive.
- Connect your existing setup: with HDMI and VGA outputs, you can attach one or two monitors for a seamless multi-screen workflow. The included keyboard and mouse set gets you started immediately.

- Reliable and quiet: no noisy fans or bulky tower – this mini PC sips power and runs cool, making it ideal for 24/7 operation in any environment.
- Simple and secure: comes with FreeDOS so you can install the operating system that suits your needs – no bloatware, no distractions.
- Durable build: powder-coated steel chassis withstands the rigours of a busy office or light industrial setting, backed by Thinvent's quality certifications.

When you choose the Neo R/4, you're investing in a machine that delivers dependable performance without wasting a single centimetre of desk space. Upgrade your workspace to a 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	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	1024 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	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	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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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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