



Thinvent Neo R/4 Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: R-I5_12H-16_16-S256-12_7-X-W_OS-KM



Power up your workspace without powering up your budget.

Why the Thinvent Neo R/4 Mini PC is the smart choice for your business

- Compact enough to sit discreetly on any desk, behind a monitor, or tucked into a wall-mount – saving precious workspace without sacrificing performance.
- Powered by a 12th Gen Intel Core i5 processor that handles demanding office tasks, from heavy spreadsheets to video conferencing, with effortless speed.
- Built for reliability in everyday commercial environments – dust-tolerant, low-noise, and designed to run 24/7 if needed.
- Comes complete with a Thinvent keyboard and mouse set, so you're ready to work straight out of the box.
- Delivers crisp visuals via HDMI and VGA outputs, perfect for dual-screen setups that boost productivity.
- Solid-state storage ensures near-instant boot times and swift application loading, while 4GB RAM keeps multitasking smooth for typical office workflows.
- No unnecessary extras – no WiFi module or pre-installed operating system means you control your own security profile and network setup. Ideal for businesses that manage their own IT stack.
- Low power consumption and fanless cooling in a steel chassis – durable, energy-efficient, and built to last.

Ready for deployment across retail kiosks, digital signage, reception desks, or factory-floor terminals – the Thinvent Neo R/4 is the workhorse that earns its keep from day one.



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	32 GB
SSD Storage	256 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	Without OS
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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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