



Thinvent Neo R/4 Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 Pro

SKU: R-I5_12H-16-S128-12_7-X-11P-0



Power meets precision in a pint-sized powerhouse.

Why settle for bulky when this compact marvel delivers desktop-class performance in a tiny footprint? The Thinvent Neo R/4 Mini PC is built to make your workspace cleaner, your workflow faster, and your setup simpler. Whether you're running a busy retail till, a digital signage network, or a quiet home office, this little machine punches well above its weight.

Exceptional performance for demanding tasks

- The latest Intel Core i5 processor powers through spreadsheets, presentations, video calls, and light content creation without breaking a sweat
- Windows 11 Pro gives you security, remote desktop, and business-grade management tools out of the box
- Silent, fanless operation means no distracting hum – perfect for libraries, clinics, or open-plan offices

Designed to fit your space and your budget

- Takes up barely any room on a desk, behind a monitor, or tucked away in a cabinet
- Solid steel chassis with a powder-coated finish shrugs off dust and bumps in busy environments
- Minimal power consumption keeps running costs low – ideal for always-on applications

Connect with confidence

- Dual USB 3.2 ports for speedy data transfers, plus legacy USB 2.0 for older peripherals
- HDMI and VGA outputs let you hook up two displays for multitasking that works
- Gigabit Ethernet ensures a rock-solid wired network connection every time

Ready to deploy straight from the box with Windows 11 Pro pre-installed, this Mini PC is the smart choice for anyone who values reliability, performance, and a tidy workspace. Upgrade your infrastructure without upgrading your desk.



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	128 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	1.72kg, 2.13kg

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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