



Thinvent Neo R/4 Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM (2 x 16GB)

32GB MLC SSD

No WiFi

Windows 11 Pro



SKU: R-CU5_14L-16_5_16_5-S32-12_5-X-11P-O

Powerful performance, perfectly compact: The Thinvent Neo R/4 Mini PC.

Tired of bulky towers cluttering your critical workspace? The Thinvent Neo R/4 delivers robust Intel processing power in a remarkably small footprint, freeing up valuable room for what matters. It's the dependable, space-saving engine for a multitude of professional and industrial tasks.

Ideal for demanding environments

- Effortlessly drives digital signage, kiosks, and interactive displays with smooth, reliable operation.
- Acts as a dedicated control centre for automation systems, manufacturing lines, or security monitoring stations.

- Provides a robust and secure platform for office productivity, point-of-sale systems, or thin client setups.
- Its rugged steel construction and wide operating temperature range ensure stability in less-than-ideal conditions.

Why choose the Neo R/4?

This isn't just a small computer; it's a big solution. With professional-grade Windows 11 Pro, dual Ethernet for network reliability, and versatile connectivity, it integrates seamlessly into your existing infrastructure. It's built to work hard, stay cool, and deliver consistent performance day in and day out—all from a box that quietly gets the job done without getting in the way.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	32 GB

DISPLAY

HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

R-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]

RAM

8_5 = 8GB DDR5

16_5 = 16GB DDR5

32_5 = 32GB DDR5

32_5_32_5 = 64GB
DDR5 RAM (2 x
32GB)16_5_16_5 = 32GB
DDR5 RAM (2 x
16GB)

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

Thinix = Thinix™ 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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