



Thinvent Neo R/4 Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

16GB DDR5 RAM

256GB SSD

No WiFi

Windows 11 Pro

DB9 Serial



SKU: R-CU5_14L-16_5-S256-12_7-X-11P-1S

Power in a Pint-Sized Package: Unmatched Reliability for Demanding Tasks.

Thinvent Neo R/4: Engineered for environments where failure is not an option. This ultra-compact powerhouse delivers silent, fanless operation and rugged durability to thrive in industrial settings, retail kiosks, or digital signage applications.

Why Choose the Neo R/4 Mini PC

- Robust and Reliable: Built with a solid steel chassis, it withstands vibration, dust, and continuous operation in challenging conditions.
- Legacy and Modern Connectivity: Seamlessly integrate with both modern peripherals and essential legacy equipment, including serial devices.

- Simplified Network Management: Dual Gigabit Ethernet ports provide network redundancy and flexibility for advanced configurations.
- Enterprise-Grade Security: Windows 11 Pro offers enhanced management tools and robust protection for your business data and operations.
- Effortless Deployment: Its mini footprint saves crucial space and allows for versatile mounting almost anywhere, getting your systems online faster.

Deploy the Thinvent Neo R/4 for steadfast performance where you need it most.



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	16 GB
SSD Storage	256 GB

DISPLAY

HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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-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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