



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

Ubuntu Linux



SKU: R-I5_12L-32_32-M2048-12_5-X-U-0

Engineered for Demanding Environments: The Thinvent® Neo R/4 Mini PC.

Uncompromising power meets unwavering reliability. Built for industrial applications where performance and stability are non-negotiable, the Neo R/4 delivers robust computing in a remarkably compact and durable steel chassis. It's the dependable digital heart for your critical operations.

Perfect for Your Application

This mini PC excels as a dedicated workhorse in diverse settings. Its dual LAN ports make it an ideal choice for network gateways, firewall appliances, or local server nodes.

Deploy it confidently in digital signage, kiosks, or interactive displays, where its consistent operation ensures your message is always on.

Utilise it for light industrial automation, control systems, or as a dedicated monitoring station, benefiting from its stable Ubuntu Linux environment.

Why Choose the Neo R/4

Experience robust processing power that handles multiple tasks smoothly, keeping your applications running without interruption.

Rely on industrial-grade construction designed for 24/7 operation in challenging conditions, from factory floors to retail environments.

Simplify deployment and integration with a compact, fanless design that saves space and reduces points of failure.

Leverage a secure and efficient platform with a pre-installed, stable operating system, ready for your specialised software.

The Neo R/4 is more than a computer; it's a resilient foundation for your technology-driven processes.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
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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	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

R-i5_12l-[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	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S256 = 256GB	
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	110 = Windows 11 Professional	Thinix = Thinix™ Embedded Linux		
	U = Ubuntu Linux			
Accessories	0 = None	KM = Keyboard and Mouse set		
	1S = DB9 Serial	MK = Mechanical Keyboard		
	Mo = Wired Optical Scroll Mouse			

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