



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

Windows 11 Pro

DB9 Serial

SKU: R-I5_12L-32_32-M2048-12_7-X-11P-1S



The Unshakeable Core of Your Industrial Edge: Introducing the Thinvent® Neo R/4 Mini PC. This robust, compact powerhouse is engineered to thrive where others falter, delivering unwavering performance in demanding environments.

Why the Neo R/4 is Your Essential Partner

Uncompromising Reliability for Critical Operations

- Its industrial-grade build and 12th Gen Intel® Core™ processing muscle ensure smooth, fault-resistant operation for automation, control systems, and digital signage.
- Dual Gigabit Ethernet ports provide essential network redundancy and connectivity for machine-to-machine communication.

Designed for Seamless Integration

- The dedicated DB9 serial port connects effortlessly to legacy machinery, POS systems, and specialised industrial equipment without clumsy adapters.

- Its compact, steel housing and wide voltage input allow for flexible, space-saving deployment almost anywhere on your shop floor or facility.

Pure, Purpose-Built Performance

- Running Windows 11 Pro, it offers a familiar, secure platform for your specialised software, free from the bloat of consumer-grade hardware.
- This is a focused workhorse, built for 24/7 reliability, not distractions. It provides the steadfast computing foundation your industrial applications demand.



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
Serial Port	1 DB9 male RS232

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-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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