



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

DB9 Serial

SKU: R-I5_12L-4-M1024-12_7-M-U-1S



Powerhouse Performance, Compact Footprint: The Neo R/4 Mini PC

Unlock a new level of reliability and efficiency for your industrial operations. The Thinvent® Neo R/4 is a robust mini PC designed to thrive in demanding environments, delivering the seamless processing power you need without the bulk of a traditional desktop.

Engineered for Endurance

- Its resilient, steel housing ensures protection in challenging conditions, from factory floors to digital signage installations.
- Dual Gigabit LAN ports provide critical network redundancy and flexibility for complex connectivity setups.
- With a dedicated serial port, it seamlessly integrates with legacy machinery and specialised industrial equipment.

Simplify Your Setup

- Pre-installed with a stable Ubuntu Linux OS, it's ready for secure, efficient operation right out of the box.
- The ultra-compact form factor saves invaluable space, allowing for discreet mounting almost anywhere.
- Built for 24/7 reliability, it delivers consistent performance to keep your applications running smoothly.

Ideal for demanding industrial computing, IoT gateways, and secure edge deployments. Choose the Neo R/4 for a dependable, powerful, and space-saving solution that just works.



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	4 GB
SSD Storage	1024 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB 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 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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