

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: R-I5_12L-16-M512-12_7-X-U-KM



Engineer your edge with silent, relentless power.

Built for the control room, the lab, and the digital hub

The Thinvent Neo R/4 is where robust computing meets minimalist design. This compact powerhouse is engineered for demanding industrial environments and seamless integration, offering unwavering reliability where it matters most.

Why choose the Neo R/4 for your operations

- Deploy a supremely capable workstation in the tightest of spaces, with a rugged steel chassis built for 24/7 dependability.
- Harness efficient 12-core processing for smooth multitasking, from process monitoring to data visualisation, without disruptive fan noise.
- Connect securely and directly with dual Gigabit LAN ports, perfect for network-heavy applications and creating a stable, wired backbone.

- Get to work immediately with a complete, ready-to-run package that includes a trusted open-source operating system and full input set.
- Reduce complexity and total cost of ownership with an appliance-like computer designed for longevity and focused performance.

Ideal for

- Industrial automation and control systems
- Dedicated digital signage and interactive kiosks
- Secure network appliance and thin client hosting
- Edge computing applications in retail and logistics

Choose the Neo R/4. A concentrated dose of professional computing, designed to perform without fuss.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	512 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	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	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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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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