

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

256GB SSD

No WiFi

Ubuntu Linux



SKU: R-I5_12L-8-M256-12_7-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 | 8 GB |
| SSD Storage | 256 GB |

DISPLAY

| | |
|------|---|
| HDMI | 1 |
| VGA | 1 |

AUDIO

| | |
|-------------|---|
| Speaker Out | 1 |
| Mic In | 1 |

CONNECTIVITY

| | |
|---------|---|
| USB 3.2 | 2 |
|---------|---|

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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

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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