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

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: R-I5_12L-4-M1024-12_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.

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

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

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

Thinvent Neo R/4 Mini PC

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	
	Thinux = Thinux™ 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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