



Thinvent Neo R/4 Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Without OS

SKU: R-I7_12L-16-M-512-12_5-M-W_OS-0



Unleash powerful performance in a palm-sized powerhouse.

Engineered for demanding professionals

The Thinvent® Neo R/4 is where serious computing meets remarkable space-saving design. This compact unit delivers robust, reliable power for a multitude of industrial and commercial applications, ensuring your operations never miss a beat.

Key Benefits

- **Uncompromising Reliability:** Built with industrial-grade steel, the Neo R/4 is engineered for 24/7 operation in diverse environments, from the shop floor to the digital signage network.
- **Connectivity at its Core:** With dual Gigabit LAN ports, you gain unparalleled network flexibility and redundancy for critical data transfer and network management tasks.
- **Silent and Efficient Operation:** A fanless design means zero noise, minimal dust intake, and reduced maintenance, making it perfect for quiet offices, retail spaces, or control rooms.

- **Maximum Deployment Flexibility:** Its ultra-compact form factor allows installation virtually anywhere—behind monitors, under desks, or mounted discreetly out of sight.
- **Ready for Your Vision:** Supplied without an operating system, it offers complete freedom to install your preferred software platform, from Linux distributions to a tailored Windows environment.

Perfect for

- Digital signage and interactive kiosks
- Industrial automation and control systems
- Thin client and virtual desktop infrastructure (VDI)
- Network security appliances and firewalls
- Edge computing and IoT gateways

Choose the Thinvent Neo R/4 Mini PC. It's the robust, adaptable, and professional-grade computing solution that works tirelessly so your business can thrive.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE	
R-i7_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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