



Thinvent Neo R/4 Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

SKU: R-I7_12L-8-M256-12_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	8 GB
SSD Storage	256 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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