



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

128GB SSD

Dual Band WiFi

DOS

SKU: R-I5_12L-16_16-M128-12_10-M-DOS-0



Engineered for the relentless pace of modern business: the Thinvent® Neo R/4 Mini PC.

Uncompromising Performance in a Compact Form

Harness the robust power of a 12th Gen Intel® Core™ processor, delivering the seamless multitasking and rapid responsiveness your critical applications demand. This miniature powerhouse tackles everything from complex digital signage and point-of-sale systems to industrial automation, without the bulk of a traditional desktop.

Built for Dependable, Always-On Operation

Engineered for stability in demanding environments, its durable steel construction and wide operating temperature range ensure reliable performance day in, day out. Dual Gigabit Ethernet ports provide essential network redundancy and flexibility for secure, high-speed data transfer, keeping your operations connected and resilient.

The Ultimate Space-Saving Solution

Reclaim valuable real estate without sacrificing capability. Its incredibly small footprint allows for discreet mounting behind monitors or in tight control panels, enabling sleek, professional deployments that declutter your workspace and simplify your infrastructure.

Key Advantages for Your Business

- Achieve powerful computing performance in a fraction of the space.
- Ensure reliable, continuous operation for essential business and industrial tasks.
- Benefit from versatile connectivity options, including dual LAN for robust networking.
- Deploy a robust, commercial-grade solution built for long-term durability.
- Reduce overall setup complexity and maintenance with an integrated, compact design.

Choose the Thinvent Neo R/4. Where formidable processing power meets rugged, space-conscious design for business-critical success.



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	32 GB
SSD Storage	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 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	FreeDOS
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Ordering Information

PRODUCT CODE

R-i5_12l-[RAM]-[SSD]-12_10-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB		m256 = 256GB	
	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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