



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

DOS

SKU: R-I5_12-32_32-M2048-12_5-X-DOS-0



Unleash Unrivaled Performance in a Miniature Powerhouse.

The Thinvent® Neo R/4 Mini PC redefines compact computing, delivering desktop-grade power in a remarkably small footprint. Engineered for demanding tasks, this Mini PC is your ideal solution for business, education, or specialized industrial applications where performance and reliability are paramount.

Performance Unleashed

- Experience lightning-fast operations with the Intel® Core™ i5-1250P processor. Its 12 cores, clocking up to 4.4 GHz with a substantial 12 MB cache, effortlessly handle intensive multitasking and complex applications.
- Boasting a generous 32GB DDR4 RAM, the Neo R/4 ensures seamless transitions between applications and smooth execution of even the most memory-hungry software.
- A rapid 512GB SSD guarantees instant boot-ups and incredibly fast file access, maximizing your productivity.

Connectivity and Versatility

- Expand your workspace with dual display support via HDMI and VGA ports.
- Connect all your essential peripherals with two USB 3.2 and two USB 2.0 ports.
- Enjoy stable, high-speed networking with a dedicated 1000 Mbps Ethernet port, perfect for environments requiring secure and consistent wired connections.

- Integrated speaker out and mic in ports provide comprehensive audio capabilities.

Designed for Durability

- Housed in robust steel with a sleek black power-coated finish, the Neo R/4 is built to last.
- Its compact dimensions (198mm x 200mm x 73mm) and incredibly light 110-gram design ensure easy integration into any setup, while the wide voltage range (100-275V AC) adapter offers global compatibility.
- Operating reliably from 0°C to 40°C with 20% to 80% RH humidity, it's ready for diverse environments.

Optimal Control

- Shipped with FreeDOS, this system provides a clean slate for your preferred operating system or specialized software, offering ultimate customization without pre-installed bloatware.
- Please note this model does not include WiFi, emphasizing wired stability and security.

Quality Assured

- Backed by BIS, RoHS, and ISO certifications, the Thinvent® Neo R/4 stands for quality, safety, and environmental responsibility.



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	64 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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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	FreeDOS
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Ordering Information

PRODUCT CODE			
R-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB S128 = 128GB	m256 = 256GB m1024 = 1TB S32 = 32GB MLC S256 = 256GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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