



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

DOS



SKU: R-I5_12-4-M2048-12_7-X-DOS-0

Unleash Unrivalled 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	4 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	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	1.72kg, 2.13kg

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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