



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

No WiFi

DOS



SKU: R-I5_12-16_16-S128-12_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 128GB 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	32 GB
SSD Storage	128 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	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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