

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

No WiFi

Ubuntu Linux



SKU: R-I5_12-32-M256-12_5-X-U-0

Thinvent Neo R/4: Unleash Mighty Performance in a Mini Marvel.

Introducing the Thinvent® Neo R/4 Mini PC, a powerhouse of productivity packed into an incredibly compact design. Engineered for speed and efficiency, this Mini PC is your ideal solution for demanding tasks, delivering exceptional performance where it matters most.

Core Performance

At its heart lies an Intel® Core™ i5-1250P processor, featuring an impressive

- 12 cores for superior multitasking
- Up to 4.4 GHz max frequency for blazing-fast processing
- 12 MB cache for rapid data access

This ensures seamless operation whether you're handling complex applications, running virtual machines, or managing data-intensive workflows.

Speed and Storage

Experience unparalleled responsiveness with

- 16GB DDR4 RAM for fluid multitasking
- 1TB SSD for lightning-fast boot times, quick application launches, and ample storage for all your critical data

Secure and Stable Operating System

Pre-loaded with Ubuntu Linux 24.04 LTS, the Neo R/4 offers

- A robust, secure, and open-source computing environment
- Long-term support for sustained reliability

- An ideal platform for developers, businesses, and privacy-conscious users

Connectivity and Reliability

Designed for maximum stability in wired environments, this Mini PC ensures

- A gigabit Ethernet port for unwavering, high-speed network access (No WiFi for enhanced security)
- Versatile display options with 1 HDMI and 1 VGA port
- Ample peripheral support with 2 USB 3.2 and 2 USB 2.0 ports
- Audio flexibility with dedicated speaker out and mic in jacks

Durable and Compact Design

Built to last with a sleek, professional aesthetic

- Robust steel housing with a black powder coating
- Ultra-compact dimensions: 198mm x 200mm x 73mm
- Incredibly lightweight at just 110 grams for ultimate portability

Power and Environmental Standards

- Efficient 12V 7A adapter compatible with wide AC input (100~275 Volts)
- Operates reliably in temperatures from 0°C to 40°C
- Certified to high standards: BIS, RoHS, ISO, ensuring quality and environmental responsibility



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	256 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	Ubuntu Linux 24.04 LTS
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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 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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