



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: R-I5_14-16-M128-12_5-M-DOS-KM



Unleash Powerful Performance in a Compact Design

The Thinvent® Neo R/4 Mini PC

Experience lightning-fast multitasking and incredible responsiveness with the Thinvent® Neo R/4 Mini PC. Powered by the Intel® Core™ 5 120U processor featuring 10 cores, a blistering 5.0 GHz max frequency, and a 12 MB cache, this mini PC handles demanding applications with ease. Its massive 64GB DDR4 RAM ensures seamless switching between tasks, while the 128GB SSD provides rapid boot times and quick file access.

Connectivity and Versatility

Equipped with dual HDMI ports and a VGA output, the Neo R/4 offers flexible display options for any setup. Connect your peripherals with ease thanks to 2 USB 3.0 and 2 USB 2.0 ports. Enjoy reliable internet speeds with the 1000 Mbps Ethernet and the convenience of dual-band Wi-Fi 5 (802.11ac) wireless networking. A dedicated speaker out and mic in provide essential audio functionality.

Robust Build and Efficient Operation

Housed in a durable black steel casing with a power coating finish, this mini PC is built to last. It operates efficiently with a 12V 7A adapter, supporting a wide input voltage range (100~275 Volts AC). Designed for optimal performance in various environments, it functions within an operating temperature of 0°C ~ 40°C and a humidity range of 20% ~ 80% RH. Compact at 198mm × 200mm × 73mm and lightweight at just 110 grams, it fits discreetly into any workspace.

Included Accessories and Operating System

Get started immediately with the included Thinvent® keyboard and mouse set and FreeDOS operating system, allowing you to customize your computing experience from the ground up. Certifications include BIS, RoHS, and ISO, assuring quality and compliance.

Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)
- Memory: 64GB DDR4 RAM
- Storage: 128GB SSD
- Video Outputs: 2 x HDMI, 1 x VGA
- Audio Ports: 1 x Speaker Out, 1 x Mic In
- USB Ports: 2 x USB 3.0, 2 x USB 2.0
- Networking: 1000 Mbps Ethernet, Wi-Fi 5 (802.11ac) Dual Band
- Power: 12V 7A Adapter (100~275V AC input)
- Dimensions: 198mm × 200mm × 73mm
- Weight: 110 grams
- Housing: Steel, Black Power Coating
- Includes: Thinvent® Keyboard and Mouse, FreeDOS



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.74kg, 2.16kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

R-i5_14-[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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