



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: R-I5_14-8-M2048-12_5-M-11V-KM



Unlock Peak Performance in a Compact Powerhouse

Introducing the Thinvent® Neo R/4 Mini PC, engineered for incredible efficiency and seamless operation. Experience the future of computing with its potent Intel® Core™ 5 120U processor, boasting 10 cores and a turbo speed of up to 5.0 GHz with a 12 MB cache, ensuring lightning-fast multitasking and responsiveness.

Key Performance Highlights

- Unleash the power of 10 cores for unparalleled processing capability.
- Reach maximum frequencies of 5 GHz for demanding applications.
- Benefit from a 12 MB cache for swift data access.

Designed for Versatility and Connectivity

This mini PC is equipped with 4GB DDR4 RAM and a speedy 256GB SSD, providing ample space and rapid load times for your essential software and files. Connect with ease using dual HDMI outputs, a VGA port, and multiple USB ports.

Connectivity Features

- Effortlessly stream and browse with Dual Band WiFi (Wi-Fi 5 802.11ac).
- Enjoy stable wired connections with a 1000 Mbps Ethernet port.

- Versatile display options with 2 HDMI and 1 VGA port.
- Convenient audio and microphone inputs.
- Ample USB connectivity with 2x USB 3.0 and 2x USB 2.0 ports.

Built to Last and Engineered for Reliability

Housed in a durable black steel chassis with a sleek power coating, this compact device (198mm × 200mm × 73mm, 110 grams) is built for longevity. It comes bundled with a Thinvent® Keyboard and Mouse set and runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a secure and optimized operating system.

Included Accessories and Specifications

- Includes Thinvent® Keyboard and Mouse set for immediate productivity.
- Powered by a reliable 12V 7A adapter for consistent performance.
- Operates efficiently within a 0°C ~ 40°C temperature range.
- Certified for quality and safety with BIS, RoHS, and ISO.

The Thinvent® Neo R/4 Mini PC is your ultimate solution for a powerful, space-saving, and reliable computing experience.



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	8 GB
SSD Storage	2048 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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
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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