



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: R-I5_14-16-M256-12_5-M-W_OS-KM



Unleash Power in a Compact Form: The Thinvent® Neo R/4 Mini PC.

Experience exceptional performance and versatility with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and designed for your modern workspace, this compact powerhouse delivers the speed and responsiveness you need.

Key Performance Pillars

- Processor: Intel® Core™ 5 120U delivers robust processing with 10 cores and a turbo boost up to 5.0 GHz, all supported by a 12 MB cache for seamless multitasking.
- Memory and Storage: 16GB DDR4 RAM ensures smooth operation, while the 256GB SSD provides rapid data access and quick boot times.

Connectivity and Expansion

- Display Options: Connect to your displays with 2 HDMI ports and 1 VGA port, offering flexible setup possibilities.
- Audio and USB: Enjoy crystal-clear audio with a dedicated speaker out and mic in. Expand your peripherals with 2 USB 3.0 and 2 USB 2.0 ports.

- Network: Experience lightning-fast wired internet with 1000 Mbps Ethernet and reliable wireless connectivity with Dual Band Wi-Fi 5 (802.11ac).

Built for Reliability and Convenience

- Power: The included 12V 7A adapter provides stable power, compatible with a wide input voltage range (100~275 Volts AC).
- Durable Design: Encased in a sleek black steel housing with a power coating finish, this Mini PC is built to last. Its compact dimensions (198mm x 200mm x 73mm) and incredibly light weight (110 grams) make it ideal for any setup.
- Included Peripherals: Get started immediately with the included Thinvent® Keyboard and Mouse set.
- Operating System: This model comes without an OS, giving you the freedom to install your preferred operating system.
- Environmental Compatibility: Operates efficiently within a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH, non-condensing.
- Certifications: Trust in quality with BIS, RoHS, and ISO certifications.



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	256 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	Without OS
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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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