



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 Pro



SKU: R-I5_14-16-M1024-12_5-X-11P-0

Unleash unparalleled performance in a palm-sized powerhouse.

Introducing the Thinvent® Neo R/4 Mini PC, engineered for peak productivity and robust reliability. This ultra-compact device packs an Intel® Core™ 5 120U processor (10 core, up to 5.0 GHz, 12 MB cache). Experience lightning-fast responsiveness and seamless multitasking for even the most demanding applications.

With massive 64GB DDR4 RAM, the Neo R/4 handles intensive workloads with ease, ideal for professional and advanced computing. The 128GB SSD ensures rapid boot-ups and swift application loading, maximizing your efficiency. With Windows 11 Pro pre-installed, enjoy enterprise-grade security and advanced productivity features.

Designed for stability and secure connectivity, this Mini PC features a dedicated Gigabit Ethernet port, ensuring a rock-solid network connection without wireless vulnerabilities. Versatile display options with dual HDMI and a VGA port support multiple monitors.

Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)

- Memory: 64GB DDR4 RAM
- Storage: 128GB SSD for rapid access
- Operating System: Microsoft Windows 11 Pro
- Connectivity: Gigabit Ethernet (1000 Mbps), 2x USB 3.0, 2x USB 2.0
- Video Output: 2x HDMI, 1x VGA
- Audio: Speaker Out, Mic In
- Power Input: 12V 7A Adapter (DC), Wide AC input (100~275V, 50~60 Hz, 1.5A max)
- Power Cable Length: 2 Metre
- Operating Environment: 0°C ~ 40°C, 20% ~ 80% RH (non-condensing)
- Durability: Steel Housing with Power Coating (Black Finish)
- Certifications: BIS, RoHS, ISO compliant
- Dimensions: 198mm x 200mm x 73mm
- Weight: 110 grams

The Thinvent Neo R/4 Mini PC offers a powerful, dependable, and space-saving computing solution, perfectly crafted for performance where it matters most.



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	1024 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
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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	1.23kg, 1.65kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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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