

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro

DB9 Serial



SKU: R-I5_14-64-M512-12_5-X-11P-1S

Thinvent® Neo R/4: Redefine powerful computing in a miniature footprint.

Experience unparalleled performance and rock-solid reliability with the Thinvent® Neo R/4 Mini PC, engineered for demanding environments and sophisticated applications. This compact powerhouse delivers robust computing where space and steadfast operation are critical.

Blazing Performance

- Driven by the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with 12 MB cache, it handles intensive tasks with ease.
- Conquer complex workflows and multitask seamlessly with a massive 64GB DDR4 RAM.
- Enjoy lightning-fast boot-ups and instantaneous data access thanks to the 512GB SSD.

Versatile Connectivity

- Equip your setup with extensive display options: 2 HDMI ports and 1 VGA port for multi-monitor productivity.
- Integrate effortlessly with legacy and industrial systems via the dedicated DB9 male RS232 Serial Port.
- Benefit from secure and high-speed networking with 1000 Mbps Ethernet for critical wired connections.

- Connect all your peripherals with 2 USB 3.0 and 2 USB 2.0 ports, plus dedicated speaker out and mic in jacks.

Industrial Grade Durability

- Built to last, its robust black steel housing with powder coating ensures longevity.
- Operating reliably from 0°C to 40°C and 20% to 80% RH (non-condensing), it's ideal for various conditions.
- With BIS, RoHS, and ISO certifications, trust in its quality and environmental compliance.
- Incredibly compact at 198mm × 200mm × 73mm and just 110 grams, it fits anywhere without compromise.

Ready for Business

- Pre-installed with Windows 11 Pro, it offers advanced security features, a modern interface, and enterprise-grade manageability.
- The 12V 7A adapter with a 2-meter cable provides stable power input (100~275 Volts AC).

The Thinvent® Neo R/4 is your ultimate solution for industrial control, digital signage, kiosks, point-of-sale systems, or any scenario demanding high performance and unwavering stability in a minimalist design.



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	64 GB
SSD Storage	512 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2
Serial Port	1 DB9 male RS232

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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