



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

2TB SSD

No WiFi

Without OS

SKU: R-I5_14-32-M2048-12_7-X-W_OS-0



Thinvent Neo R/4: Compact Powerhouse, Engineered for Excellence.

Unleash exceptional performance with the Thinvent® Neo R/4 Mini PC, designed for demanding tasks in a remarkably small footprint. Featuring an advanced 10-core Intel® Core™ 5 120U processor, experience lightning-fast speeds up to 5.0 GHz and a 12 MB cache for seamless multitasking and responsive applications.

Core Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz)
- Cache: 12 MB
- Main Memory: 8GB DDR4 RAM for smooth operation
- SSD Storage: 32GB MLC SSD for rapid boot times and quick application loading

Connectivity and Display

- Display Outputs: Drive up to three screens simultaneously with 2 HDMI and 1 VGA port, perfect for enhanced productivity.
- USB Ports: 2 USB 3.0 and 2 USB 2.0 ports for versatile peripheral connections.
- Audio: Dedicated Speaker Out and Mic In for full audio capabilities.

- Network: Enjoy a stable and secure Gigabit Ethernet (1000 Mbps) connection, ideal for critical operations where wired reliability is paramount.

Design and Durability

- Housing: Crafted from robust steel with a professional power-coated black finish, ensuring durability and a sleek aesthetic.
- Dimensions: Ultra-compact at 198mm × 200mm × 73mm.
- Weight: Remarkably lightweight at just 110 grams, facilitating easy deployment and mounting.
- Power: Energy-efficient 12V 7A DC power adapter with a wide 100~275V AC input range and a generous 2-metre cable.

Operational Flexibility

- Operating System: Ships Without OS, giving you the freedom to install your preferred operating system and customize your setup.
- Reliability: Built for consistent performance in temperatures from 0°C to 40°C.
- Certifications: Proudly BIS, RoHS, and ISO certified, guaranteeing quality, safety, and environmental compliance.



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	32 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
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POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.32kg, 1.74kg

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
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB		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	
	110 = Windows 11 Professional		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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