



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set



SKU: R-I5_14-32-S256-12_5-X-11V-KM

Unleash Unrivalled Performance in a Compact Powerhouse

Introducing the Thinvent® Neo R/4 Mini PC: Experience desktop-grade power engineered for efficiency and reliability. This ultra-compact PC is built for demanding environments and seamless integration, delivering exceptional value without compromising on performance.

Key Specifications

- Processor: Intel® Core™ 5 120U processor with 10 cores, reaching up to 5.0 GHz with a 12 MB cache, ensuring lightning-fast responsiveness for all your tasks.
- Memory and Storage: 16GB DDR4 RAM for smooth multitasking and a rapid 32GB MLC SSD for quick boot times and application loading.
- Connectivity:
 - 2 x HDMI ports for versatile display setups.
 - 1 x VGA port for legacy compatibility.
 - 1 x Speaker Out and 1 x Mic In for audio essentials.
 - 2 x USB 3.0 and 2 x USB 2.0 ports for broad peripheral support.

- 1000 Mbps Ethernet for stable, high-speed networking.
- Power: Efficient 12V 7A adapter with global 100~275 Volts AC input.
- Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, providing a stable and secure platform for industrial and commercial applications.
- Included Peripherals: Thinvent® Keyboard and Mouse set for an immediate, ready-to-go solution.

Built for Durability and Performance

Crafted with a robust steel housing finished in a sleek black powder coating, the Neo R/4 is designed to withstand demanding operating conditions (0°C ~ 40°C, 20% ~ 80% RH). Its compact dimensions (198mm x 200mm x 73mm) and lightweight design (110 grams) make it ideal for space-constrained environments. Certified with BIS, RoHS, and ISO standards, you can trust in its quality and safety.

Experience the perfect blend of power, efficiency, and compact design with the Thinvent® Neo R/4 Mini PC.



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	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
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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	1.74kg, 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
	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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