



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: R-I5_12-16_16-M512-12_7-X-11V-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Neo R/4 Mini PC, your gateway to seamless computing and enhanced efficiency. Designed for modern businesses and demanding users, this Mini PC packs robust performance into an incredibly small footprint.

Powerful Processing

Experience lightning-fast speeds and exceptional responsiveness thanks to the Intel® Core™ i5-1250P processor. With 12 cores, a turbo boost up to 4.4 GHz, and 12 MB of cache, multitasking and complex applications become effortless.

Ample Memory and Storage

Equipped with 16GB of DDR4 RAM, enjoy smooth operation even with multiple programs running simultaneously. The expansive 1TB SSD ensures rapid boot times and swift data access, providing ample space for all your critical files and applications.

Versatile Connectivity

Connect to a wide range of peripherals and displays with multiple USB 3.2 and USB 2.0 ports, HDMI, and VGA outputs. The 1000 Mbps Ethernet port guarantees stable and fast network connectivity.

Robust and Reliable

Crafted with a durable steel housing and a sleek black powder coating, this Mini PC is built to last. Its compact dimensions (198mm x 200mm x 73mm) and feather-light weight (110 grams) make it ideal for any workspace.

Pre-loaded with Windows 11 IoT Enterprise LTSC 2024 Value, you benefit from a stable, secure, and optimized operating system for commercial environments. A Thinvent® Keyboard and Mouse set is included, offering an out-of-the-box ready solution.

Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Cores, up to 4.4 GHz, 12 MB Cache)
- Memory: 16 GB DDR4 RAM
- Storage: 1 TB SSD
- Graphics Outputs: 1x HDMI, 1x VGA
- Ports: 2x USB 3.2, 2x USB 2.0, 1x Speaker Out, 1x Mic In, 1x 1000 Mbps Ethernet
- Power: 12V 7A Adapter (100~275V AC input)
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
- Certifications: BIS, RoHS, ISO



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	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	2.23kg, 2.65kg

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_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB	m256 = 256GB		
	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		
	Thinux = Thinux™ 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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