



Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

32GB MLC SSD

No WiFi

Without OS

DB9 Serial



SKU: R-I5_13-32_32-S32-12_7-X-W_OS-1S

Thinvent Neo R/4: Industrial Strength Meets Micro PC Agility.

Experience robust computing in an incredibly compact and durable form factor with the Thinvent® Neo R/4 Mini PC. Engineered for dedicated applications and demanding environments, this mini powerhouse delivers exceptional performance where reliability counts most.

Core Performance

- Powered by an Intel® Core™ i5-1335U processor, featuring 10 cores and clocking up to 4.6 GHz with a 12 MB cache, the Neo R/4 ensures seamless multitasking and efficient operation for your critical tasks.
- A responsive 4GB DDR4 RAM provides a solid foundation for your essential applications, while the 32GB MLC SSD offers rapid boot-ups and quick access to data, perfect for focused deployments.

Unmatched Connectivity & Durability

- Integrate effortlessly with essential peripherals using 2x USB 3.2 and 2x USB 2.0 ports.
- Critical for industrial and legacy systems, a dedicated DB9 male RS232 serial port ensures compatibility.

- Drive dual displays with HDMI and VGA outputs.
- Enjoy stable, high-speed networking via a 1000 Mbps Ethernet port, prioritizing wired reliability.
- Housed in robust, black powder-coated steel, this mini PC is built to endure, operating reliably from 0°C to 40°C.
- Weighing an astonishing 110 grams with dimensions of 198mm × 200mm × 73mm, it's designed for seamless integration into tight spaces.
- Power it reliably with a wide 100~275V AC input and a 12V 7A adapter through a 2-metre cable.

Flexible Deployment

- Without an included operating system, the Neo R/4 offers ultimate flexibility, allowing you to install the OS best suited for your specific application or embedded solution.
- Certified with BIS, RoHS, and ISO, ensuring quality and compliance for peace of mind.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	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	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	1.61kg, 2.03kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE			
R-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB) 32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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