



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

256GB SSD

No WiFi

Without OS

DB9 Serial



SKU: R-I3_13-16-M256-12_5-X-W_OS-1S

Thinvent Neo R/4: Your Compact Powerhouse for Demanding Tasks.

The Thinvent® Neo R/4 Mini PC delivers robust performance in an incredibly small footprint, engineered for reliability and versatility. This sleek device is perfect for business, industrial, or specialized applications where space is at a premium and dependable operation is paramount.

Performance Unleashed

Powered by the Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz with a 10 MB cache, the Neo R/4 ensures smooth multitasking and efficient processing. Paired with 4GB DDR4 RAM, it handles everyday tasks and more demanding workloads with ease. Experience lightning-fast boot times and rapid application loading thanks to the generous 512GB SSD storage.

Tailored Connectivity & Durability

- Versatile Display Options: Connect to dual screens with HDMI and VGA ports.
- Essential Peripherals: Four USB ports (2x USB 3.2, 2x USB 2.0), dedicated speaker out, and mic in for comprehensive connectivity.

- Industrial Ready: A crucial DB9 male RS232 serial port makes it ideal for legacy equipment, POS systems, and industrial control.
- Rock-Solid Network: Rely on a stable 1000 Mbps wired Ethernet connection; designed for environments where dedicated wired reliability is preferred over WiFi.
- Built to Last: Housed in durable, powder-coated black steel, this mini PC weighs just 110 grams and boasts a compact 198mm × 200mm × 73mm form factor. It operates reliably from 0°C to 40°C and holds BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance.

Flexible Deployment

The Neo R/4 comes without an operating system, giving you the freedom to install your preferred software solution. Its robust 12V 7A adapter ensures stable power delivery for continuous operation from a wide 100~275V AC input.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	256 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	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	1.52kg, 1.94kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

R-i3_13-[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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