



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)

128GB SSD

No WiFi

Without OS

SKU: R-I5_13-32_32-M128-12_7-X-W-OS-0



Engineered for Performance. Built for Your Vision.

Discover the Thinvent® Neo R/4 Mini PC, a powerful and ultra-compact solution designed for demanding tasks and specialized deployments. This robust Mini PC delivers exceptional processing power in a footprint that saves valuable space.

Performance at its Core

- Experience blazing-fast performance with the Intel® Core™ i5-1335U processor.
- Boasting 10 cores and clock speeds up to 4.6 GHz, along with a generous 12 MB cache, it handles multitasking and complex applications with ease.
- Equipped with 4GB DDR4 RAM for smooth operation and a rapid 32GB MLC SSD for lightning-fast boot-ups and application loading.

Robust Connectivity

- Connect all your essential peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Enjoy versatile display options with dedicated HDMI and VGA outputs.
- Ensure stable, high-speed networking through a 1000 Mbps Ethernet port.
- Essential audio needs are covered with Speaker Out and Mic In.

Designed for Durability and Flexibility

- Housed in a durable, black power-coated steel chassis, the Neo R/4 measures a mere 198mm x 200mm x 73mm and weighs 110 grams.
- Its industrial-grade construction is built to last, operating reliably in temperatures from 0°C to 40°C and humidity from 20% to 80% RH.
- Enjoy wide power compatibility with an input range of 100~275 Volts AC via a 2-metre cable.
- Certified by BIS, RoHS, and ISO, ensuring quality and compliance.

Your Custom Canvas

- Arriving without an operating system and featuring no WiFi, the Neo R/4 is the ultimate platform for custom deployments.
- Install your preferred OS and configure it precisely for secure embedded systems, kiosks, industrial control, or thin client applications where wired reliability is paramount.

The Thinvent® Neo R/4 Mini PC offers a foundation of power, durability, and customization for your most critical projects.



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	128 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	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	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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