



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

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: R-I5_13-32_32-S32-12_7-M-11P-1S



Unleash Mighty Performance in a Mini Footprint.

Experience the future of compact computing with the Thinvent® Neo R/4 Mini PC. Engineered for demanding environments and everyday efficiency, this powerhouse redefines performance in a small package.

Unrival Performance

- Driven 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 delivers lightning-fast multi-tasking and seamless application handling.
- A 128GB SSD ensures rapid boot-ups and swift data access, while 4GB DDR4 RAM keeps your operations smooth.
- Pre-installed with Windows 11 Pro, you get enhanced security, modern productivity features, and a streamlined user experience right out of the box.

Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port for reliable networking.
- Power your workspace with dual display support via HDMI and VGA, complemented by four USB ports (two USB 3.2, two USB 2.0) for all your peripherals.

- A dedicated DB9 serial port provides essential connectivity for specialized industrial or legacy devices, making it perfect for POS, automation, and control systems.

Built to Last

- Housed in a durable, powder-coated black steel chassis measuring just 198mm × 200mm × 73mm and weighing an incredibly light 110 grams, this mini PC is designed for longevity and space efficiency.
- Its wide operating temperature (0°C ~ 40°C) and humidity range, alongside BIS, RoHS, and ISO certifications, guarantee reliability in diverse settings.
- Powered by an energy-efficient 12V 7A adapter with a wide 100~275V AC input.

Key Features at a Glance

- Processor: Intel® Core™ i5-1335U (10 core, up to 4.6 GHz, 12 MB cache)
- Memory & Storage: 4GB DDR4 RAM, 128GB SSD
- Operating System: Windows 11 Pro
- Connectivity: Dual Band Wi-Fi 5, Gigabit Ethernet, 2x USB 3.2, 2x USB 2.0, HDMI, VGA, DB9 Serial Port
- Dimensions & Weight: 198mm × 200mm × 73mm, 110 grams
- Housing: Robust Steel with Powder Coating



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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Microsoft Windows 11 Pro
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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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