



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

Ubuntu Linux

DB9 Serial

SKU: R-I5_13-32_32-S32-12_10-M-U-1S



Thinvent® Neo R/4: Unleash Mighty Performance in a Mini Footprint.

Unmatched Performance

Experience exceptional power with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this powerhouse features an Intel® Core™ i5-1335U processor with 10 cores, bursting up to 4.6 GHz, and a generous 12 MB cache for seamless multitasking and lightning-fast responsiveness. Paired with a massive 32GB DDR4 RAM and a swift 128GB SSD, your applications load instantly, ensuring a fluid workflow.

Seamless Connectivity & OS

Connectivity is redefined with dual-band Wi-Fi 5 (802.11ac) for high-speed wireless networking, alongside a Gigabit Ethernet port for stable wired connections. The integrated DB9 RS232 serial port is perfect for industrial control, legacy peripherals, or specialized embedded applications. Expand your workspace with dual display support via HDMI and VGA, and connect all your essential devices, including audio peripherals, with two USB 3.2 and two USB 2.0 ports. Pre-installed with Ubuntu Linux 24.04 LTS, the Neo R/4 offers a secure, stable, and highly customizable operating environment, ideal for developers, businesses, and power users.

Robust Design & Reliability

Housed in a durable, powder-coated black steel chassis, this mini PC measures a mere 198mm × 200mm × 73mm and weighs only 110 grams. This makes it incredibly space-efficient and robust for continuous operation in environments from 0°C to 40°C. Built to last and certified with BIS, RoHS, and ISO standards, the Thinvent® Neo R/4 delivers enterprise-grade reliability in a surprisingly small form factor. Its 12V 7A adapter ensures consistent power delivery from 100~275 Volts AC.



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	10 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	Ubuntu Linux 24.04 LTS
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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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