

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

DB9 Serial



SKU: R-I5_13-64-M512-12_5-X-U-1S

Unleash unparalleled performance in a compact, secure, and robust package.

Discover the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks and specialized environments. Powered by an Intel® Core™ i5-1335U processor with 10 cores and speeds up to 4.6 GHz, alongside a massive 64GB DDR4 RAM, this Mini PC delivers exceptional power for complex applications, virtualization, and multitasking without compromise. Its 512GB MLC SSD ensures rapid boot times and industrial-grade reliability, critical for continuous operation.

Built for specific needs

- Pre-installed Ubuntu Linux 24.04 LTS offers a stable, secure, and customizable open-source platform.
- The dedicated DB9 Serial port provides essential connectivity for industrial equipment and legacy systems.
- No WiFi enhances security, focusing on robust wired networking via its 1000 Mbps Ethernet.

- Durable steel housing with a power-coated black finish ensures longevity and a professional aesthetic, all within a remarkably lightweight 110-gram, compact form factor (198mm × 200mm × 73mm).

Connectivity & Reliability

- Flexible display options: 1 HDMI, 1 VGA.
- Comprehensive I/O: 2 USB 3.2 ports, 2 USB 2.0 ports, 1 Speaker Out, 1 Mic In.
- Wide input power: 100~275V AC compatibility with a 2-meter cable.
- Certified for quality and compliance: BIS, RoHS, ISO.
- Operates reliably between 0°C and 40°C, 20% ~ 80% RH non-condensing.

The Thinvent Neo R/4 is your reliable solution for industrial control, dedicated servers, or secure workstation deployments.



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	512 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	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
	64 = 64GB DDR4			
SSD	m128 = 128GB		m256 = 256GB	
	m32 = 32GB		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	
	Thinix = Thinix™ 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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