



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)

256GB SSD

Dual Band WiFi

DOS

DB9 Serial

SKU: R-I5_13-32_32-M256-12_7-M-DOS-1S



Experience unparalleled power in a remarkably compact design.

The Thinvent® Neo R/4 Mini PC redefines efficiency, delivering robust desktop performance without the bulk. Engineered for speed and versatility, this mini powerhouse is ideal for diverse applications, from intensive office productivity to specialized industrial control.

Unrivalled Performance

- Harness the raw processing power of the Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz, backed by a generous 12 MB cache for seamless multitasking and demanding applications.
- Experience lightning-fast responsiveness with an astounding 64GB of DDR4 RAM, ensuring smooth operation even with the most intensive workloads.
- Benefit from rapid boot times and quick application loading thanks to the integrated 32GB MLC SSD.

Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) for reliable, high-speed wireless networking.

- Connect essential peripherals with two USB 3.2 and two USB 2.0 ports.
- Versatile display options include HDMI and VGA outputs.
- A dedicated DB9 male RS232 serial port ensures compatibility with legacy devices and specialized industrial equipment.
- Enjoy stable, gigabit-speed internet with the 1000 Mbps Ethernet port.

Robust Design & Flexibility

- Housed in a durable, black powder-coated steel chassis, the Neo R/4 is built to last, yet incredibly lightweight at just 110 grams.
- Its ultra-compact dimensions (198mm × 200mm × 73mm) allow for discreet placement in any environment.
- Comes with FreeDOS, offering you the freedom to install your preferred operating system.
- Certified with BIS, RoHS, and ISO for quality and compliance.

Discover the Thinvent® Neo R/4 Mini PC – where power meets portability.



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	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
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	FreeDOS
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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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