



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

No WiFi

DOS

DB9 Serial



SKU: R-I5_13-32_32-S256-12_5-X-DOS-1S

Unleash Robust Performance in a Compact, Industrial-Ready Package.

The Thinvent® Neo R/4 Mini PC redefines efficiency, packing serious computing power into a footprint designed for demanding environments. Engineered for reliability and performance, this mini PC is your steadfast solution for critical applications.

Exceptional Performance

Experience lightning-fast responsiveness with the Intel® Core™ i5-1335U processor, featuring 10 cores and clock speeds up to 4.6 GHz, backed by a generous 12 MB cache. Tackle intensive multitasking and complex operations effortlessly with 32GB DDR4 RAM. Boot in seconds and access data at remarkable speeds thanks to the spacious 256GB SSD.

Versatile Connectivity

Designed for unwavering wired reliability, the Neo R/4 provides robust Gigabit Ethernet connectivity. Its dedicated DB9 serial port is essential for industrial control, legacy systems, and specialized peripherals, ensuring seamless integration into diverse setups.

- Comprehensive port selection includes:

- 1 HDMI port
- 1 VGA port
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- Speaker Out and Mic In for audio needs

Built for Endurance

Encased in a durable, powder-coated steel housing, this Mini PC is engineered to withstand rigorous use, operating reliably from 0°C to 40°C. Its ultra-compact dimensions (198mm × 200mm × 73mm) and incredibly light weight (110 grams) ensure easy integration into any space. Power it confidently with a wide-range 100~275V AC input.

Operating System

- Ships with FreeDOS, providing a flexible base for customized software solutions.

Certified Reliability

Rest assured with quality and compliance, certified by

- BIS
- RoHS
- ISO



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
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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	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			

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

