



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

Windows 11 Pro

DB9 Serial



SKU: R-I3_13-32_32-M1024-12_7-X-11P-1S

Unleash Compact Power, Engineered for Precision and Reliability.

The Thinvent® Neo R/4 Mini PC redefines efficiency, delivering robust performance in an incredibly small footprint. Designed for professional environments where reliability, dedicated wired connectivity, and specific legacy hardware support are paramount, this mini PC is your dependable workhorse.

Core Performance

- Powered by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and featuring a 10 MB cache, it handles demanding tasks with ease.
- Experience lightning-fast boot-ups and rapid application loading thanks to the expansive 1TB SSD.
- Multitask seamlessly with 4GB DDR4 RAM, ensuring smooth operation.
- Pre-installed with Windows 11 Pro, you get enhanced security, productivity features, and a modern user experience.

Essential Connectivity

- Prioritizing secure, stable networks, it features a Gigabit Ethernet port for reliable wired connectivity, with no WiFi for environments requiring strict network control.

- Critical for industrial control, POS systems, and specialized peripherals, a dedicated DB9 serial port provides essential legacy support.
- Connect multiple displays with both HDMI and VGA outputs.
- Four USB ports (2x USB 3.2, 2x USB 2.0) ensure ample peripheral connectivity.
- Audio needs are covered with a Speaker Out and Mic In.

Built to Last

- Its robust steel housing with a durable powder coating in black protects internal components.
- Compact dimensions (198mm x 200mm x 73mm) and an astonishingly low weight of 110 grams make deployment effortless.
- Engineered for demanding conditions, it operates reliably in temperatures from 0°C to 40°C.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and compliance.

Power and Versatility

- Powered by a 12V 7A adapter with a 2-meter cable, it's ready for immediate deployment.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	1024 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	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-i3_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

