



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-I3_13-16_16-S256-12_7-M-U-0



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

Experience computing redefined with the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for unparalleled efficiency and speed. Designed to fit seamlessly into any environment, this device delivers robust performance without compromise.

Core Power and Speed

- Driven by an Intel® Core™ i3-1315U processor with 6 cores and a blistering 4.5 GHz max frequency, handling demanding tasks is effortless.
- A generous 10 MB cache ensures rapid data access, keeping your workflow smooth.

Exceptional Memory and Storage

- Multitask without limits with an astounding 64GB DDR4 RAM, perfect for professionals and power users.
- Boot up in an instant and enjoy swift application loading thanks to the ultra-fast 32GB MLC SSD.

Optimized Operating System

- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source environment with long-term support.

Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and blazing 1000 Mbps Ethernet.
- Versatile port selection includes 2x USB 3.2, 2x USB 2.0, HDMI, VGA, speaker out, and mic in for all your peripherals and display needs.

Built to Last

- Housed in durable, powder-coated black steel, the Neo R/4 is robust yet incredibly light at just 110 grams.
- Its ultra-compact dimensions (198mm x 200mm x 73mm) free up valuable desk space.
- Certified with BIS, RoHS, and ISO for guaranteed quality and safety.

Transform your workspace with the Thinvent® Neo R/4 Mini PC – where ultimate power meets minimalist design.



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	32 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

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	Ubuntu Linux 24.04 LTS
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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

