



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)

256GB SSD

Dual Band WiFi

Ubuntu Linux

DB9 Serial

SKU: R-I3_13-32_32-M256-12_7-M-U-1S



Power in Your Palm, Performance for Every Purpose.

Experience robust computing without compromise with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and reliability, this compact powerhouse is your ideal solution for diverse professional and personal applications, delivering speed and stability in a remarkably small footprint.

Unleash Productivity

- Driven by an Intel® Core™ i3-1315U processor, featuring 6 cores and turbo speeds up to 4.5 GHz, ensuring smooth multitasking and responsive performance with a 10 MB cache.
- 4GB DDR4 RAM provides efficient operation, while the 32GB MLC SSD guarantees rapid boot-ups and swift application loading.

Seamless Connectivity

- Connect to any display with dedicated HDMI and VGA outputs.
- Four USB ports (2x USB 3.2, 2x USB 2.0) accommodate all your peripherals.
- Stay connected with integrated dual-band Wi-Fi 5 (802.11ac) or a blazing-fast 1000 Mbps Ethernet port.

- A dedicated DB9 Serial port ensures compatibility with specialized or legacy industrial equipment.

Built for Endurance

- Housed in durable, black powder-coated steel, the Neo R/4 is designed to withstand demanding environments.
- Certified with BIS, RoHS, and ISO, ensuring quality and safety.
- Operates reliably from 0°C to 40°C in 20% ~ 80% RH non-condensing humidity.

Smart & Secure OS

- Pre-installed with Ubuntu Linux 24.04 LTS, providing a secure, stable, and open-source computing experience right out of the box.

Compact Efficiency

- Weighing a mere 110 grams and incredibly compact at 198mm × 200mm × 73mm, it fits seamlessly into any workspace.
- Efficient 12V 7A adapter with a wide 100~275V AC input ensures global compatibility and low power consumption.



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	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	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			

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