



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)

32GB MLC SSD

No WiFi

Ubuntu Linux

SKU: R-I3_13-32_32-S32-12_5-X-U-0



Unlock Next-Level Efficiency with Thinvent Neo R/4.

Experience a revolution in compact computing with the Thinvent® Neo R/4 Mini PC, engineered for unparalleled performance and rock-solid reliability. This powerhouse redefines what a mini PC can do, offering robust capabilities in an incredibly small footprint.

Core Performance

- Intel® Core™ i3-1315U processor with 6 cores for blazing-fast multitasking
- Max frequency of 4.5 GHz and 10 MB cache for responsive computing
- 64GB DDR4 RAM ensures seamless application handling and future-proof performance
- Lightning-fast 256GB SSD for rapid boot-ups and instant data access

Secure and Stable Computing

- Pre-installed with Ubuntu Linux 24.04 LTS, providing a secure, stable, and open-source operating environment
- Designed without Wi-Fi for enhanced security and a consistently reliable 1000 Mbps wired Ethernet connection, ideal for critical infrastructure and secure networks

Versatile Connectivity and Design

- Dual display support with 1 HDMI and 1 VGA port
- 2 USB 3.2 and 2 USB 2.0 ports for all your peripherals
- Dedicated Speaker Out and Mic In for complete audio functionality
- Robust steel housing with a sleek black powder coating ensures durability and a professional aesthetic
- Incredibly lightweight at just 110 grams and compact dimensions (198mm × 200mm × 73mm) for effortless integration into any workspace

Built for Reliability

- Wide power input (100~275V AC) via a 12V 7A adapter with a 2-metre cable
- Certified with BIS, RoHS, and ISO for guaranteed quality and environmental compliance
- Operates reliably from 0°C to 40°C with 20% to 80% non-condensing humidity

The Thinvent Neo R/4 is your ultimate solution for secure, high-performance computing in a compact form factor.



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	32 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
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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	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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