



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)

2TB SSD

Dual Band WiFi

DOS

DB9 Serial

SKU: R-I3_13-32_32-M2048-12_7-M-DOS-1S



The future of compact computing is here.

Experience unparalleled performance and incredible versatility with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and built to last, this powerhouse in a tiny footprint is designed to elevate your productivity without cluttering your space.

Performance Unleashed

Powered by the Intel® Core™ i3-1315U processor with 6 cores and a blazing 4.5 GHz max frequency, the Neo R/4 delivers smooth multitasking and rapid responsiveness for all your daily tasks and demanding applications. Its 10 MB cache ensures quick access to frequently used data, while 4GB of DDR4 RAM handles your applications with ease. Get lightning-fast boot-ups and rapid application loading thanks to the 32GB MLC SSD, providing durable and quick storage.

Seamless Connectivity

This mini PC is a hub of comprehensive connectivity, ensuring you're always connected and productive.

- Enjoy fast and reliable wireless internet with dual-band Wi-Fi 5 (802.11ac).
- Access high-speed wired networking via the 1000 Mbps Ethernet port.

- Expand your visual workspace with dual display support through HDMI and VGA outputs.
- Connect all your essential peripherals with four USB ports (two USB 3.2 for fast transfers and two USB 2.0).
- The integrated DB9 serial port makes it perfect for industrial applications, legacy devices, or point-of-sale systems, offering unmatched versatility.

Unmatched Design and Durability

Crafted from robust steel with a sleek black powder-coated finish, the Thinvent® Neo R/4 is built for endurance and a professional aesthetic.

- Weighing an astonishing 110 grams and measuring just 198mm x 200mm x 73mm, it redefines ultra-compact computing, freeing up valuable desk space.
- Designed to operate reliably in various professional environments, it boasts an operating temperature range of 0°C to 40°C and holds prestigious BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance.
- Supplied with FreeDOS, it offers you the complete flexibility to install your preferred operating system.



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	2048 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	FreeDOS
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Ordering Information

PRODUCT CODE			
R-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB) 32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB S128 = 128GB	m256 = 256GB m1024 = 1TB S32 = 32GB MLC S256 = 256GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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