



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: R-I3_13-32-M2048-12_7-M-
THINUX-0



Unleash Mighty Performance in a Micro Form Factor.

The Thinvent® Neo R/4 Mini PC redefines compact computing, packing robust power into an incredibly small footprint. Designed for efficiency and versatility, it's the perfect solution for businesses, digital signage, kiosks, and home office use where space is at a premium but performance cannot be compromised.

Core Power

Experience seamless multitasking and rapid responsiveness with the Intel® Core™ i3-1315U processor.

- Featuring 6 cores for parallel processing
- Blazing speeds up to 4.5 GHz for demanding applications
- A generous 10 MB cache for quick data access

Coupled with 4GB DDR4 RAM and a lightning-fast 128GB SSD, the Neo R/4 ensures quick boot times and fluid operation.

Thinix™ OS Advantage

Powered by the secure and stable Thinvent® Thinix™ Embedded Linux, this Mini PC arrives ready for productivity.

- Pre-installed Chromium and Mozilla Firefox browsers for versatile web access

- Comprehensive remote management tools including RDP 10, SSH, Putty, and VNC shadowing for seamless IT control
- Support for Java, Python, and glibc based applications, enabling custom development
- LibreOffice and a PDF viewer for essential document handling
- Multimedia playback and integrated SIP video/voice over IP for all your communication needs

Connectivity & Durability

Stay connected with dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port.

- Expand your workspace with dual display support via HDMI and VGA
- Four USB ports (2x USB 3.2, 2x USB 2.0) for all your peripherals

Engineered with a durable steel housing and sleek powder coating, the Neo R/4 is built to last, operating reliably across diverse temperatures and humidity levels. Its ultra-compact 198mm x 200mm x 73mm dimensions and featherlight 110-gram design make it truly go-anywhere.

Quality Assured

Certified with BIS, RoHS, and ISO, the Thinvent® Neo R/4 ensures peace of mind with global quality and environmental standards.



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	2048 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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

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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