



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

256GB SSD

No WiFi

Thinux Embedded Linux

SKU: R-I3_13-8_8-M256-12_7-X-
THINUX-0



Your Compact Command Center: Power, Precision, Performance.

Experience unparalleled efficiency with the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks in a remarkably small footprint. This powerhouse delivers exceptional speed and responsiveness, making it the ideal choice for businesses, developers, and power users alike.

Under the hood, the Intel® Core™ i3-1315U processor boasts 6 cores and speeds up to 4.5 GHz with a 10 MB cache, ensuring seamless multitasking and robust application handling. Paired with a colossal 64GB DDR4 RAM and a lightning-fast 256GB SSD, the Neo R/4 eliminates bottlenecks, providing instant boot-ups and rapid data access.

Connectivity is versatile with

- Dual display support: 1 HDMI, 1 VGA
- Ample USB ports: 2 USB 3.2, 2 USB 2.0
- Gigabit Ethernet for rock-solid wired networking
- Audio support: 1 Speaker Out, 1 Mic In

Designed for reliability and stability, its durable steel housing with a sleek powder-coated black finish and wired-only network (No WiFi) make it perfect for secure, fixed installations. Weighing just 110 grams and measuring 198mm x 200mm x 73mm, it fits virtually anywhere.

The heart of the Neo R/4 is Thinvent® Thinux™ Embedded Linux, a feature-rich operating system offering

- Secure web browsing: Chromium and Mozilla Firefox
- Comprehensive remote access: RDP 10 (RemoteFX, H.264/AVC), Putty, SSH
- Easy management: Browser-based remote management, VNC shadowing
- Productivity tools: LibreOffice, PDF viewer, multimedia player with MPEG4 support
- Communication ready: SIP video and voice over IP
- Development friendly: Java, Python, and glibc-based application support

Certified with BIS, RoHS, and ISO, the Neo R/4 is a testament to quality and compliance. Power your operations with a mini PC built for endurance and high performance.



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	16 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
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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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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