



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

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set



SKU: R-I3_13-32_32-M256-12_7-X-
THINUX-KM

Unlock Powerful Performance in a Compact Package

Introducing the Thinvent® Neo R/4 Mini PC, your gateway to efficient and versatile computing. This robust machine is engineered to deliver exceptional speed and reliability for a variety of business and educational applications.

Key Specifications

- Processor: Intel® Core™ i3-1315U (6 cores, up to 4.5 GHz, 10 MB cache) for seamless multitasking.
- Memory: 4GB DDR4 RAM for smooth operation.
- Storage: A generous 1TB SSD ensures rapid boot times and quick access to your files.
- Operating System: Thinvent® Thinux™ Embedded Linux, a secure and streamlined OS optimized for performance.

Experience Enhanced Connectivity and Functionality

- Display: 1 HDMI and 1 VGA port for flexible display options.
- Audio: 1 Speaker Out and 1 Mic In for multimedia and communication.
- Ports: 2 USB 3.2 and 2 USB 2.0 for all your peripheral needs.
- Networking: Blazing-fast 1000 Mbps Ethernet for stable internet.
- Power: 12V 7A adapter included, with universal AC input (100~275V AC).

Thinux™ OS Features

- Browsing: Includes Chromium and Mozilla Firefox for web access.
- Remote Access: RDP 10, Putty, and SSH for efficient remote desktop management.
- Development: Java, Python, and glibc support for custom applications.
- Productivity: LibreOffice and PDF viewer for document handling.
- Multimedia: A multimedia player with MPEG4 support.
- Communication: SIP for video and voice over IP.

Built to Last

- Durable steel housing with a sleek black powder coating.
- Compact dimensions (198mm × 200mm × 73mm) and lightweight design (110 grams).
- Designed for reliable operation in temperatures from 0°C to 40°C.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.

The Thinvent® Neo R/4 Mini PC is the smart choice for businesses and institutions seeking a powerful, secure, and cost-effective computing solution.



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

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	2.13kg, 2.55kg

ACCESSORIES

Keyboard and Mouse	1
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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

Thinix = Thinix™ 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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