



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

32GB MLC SSD

No WiFi

Ubuntu Linux

SKU: R-I3_12-32-S32-12_5-X-U-0



Unleash Your Productivity in a Compact Powerhouse

Experience the perfect blend of performance and portability with the Thinvent® Neo R/4 Mini PC. Designed for efficiency and reliability, this compact desktop replacement empowers your daily tasks without taking up valuable space.

Powerful Processing for Everyday Demands

At its heart, the Intel® Core™ i3-1215U processor, featuring 6 cores and a turbo boost up to 4.4 GHz with a 10 MB cache, delivers smooth and responsive multitasking. Run your essential applications with confidence.

Ample Storage and Responsive Memory

With 4GB of DDR4 RAM, experience fluid operation for your common workflows. Store all your important files, projects, and media on the lightning-fast 1TB SSD, ensuring quick boot times and rapid data access.

Versatile Connectivity Options

Connect to a wide range of displays with both HDMI and VGA ports. Effortlessly plug in your peripherals using 2 USB 3.2 and 2 USB 2.0 ports. Enjoy a robust wired network connection with the 1000 Mbps Ethernet port.

Built for Durability and Reliability

The rugged steel housing with a sleek black powder coating ensures this Mini PC can withstand demanding environments. Its compact dimensions (198mm × 200mm × 73mm) and feather-light weight (110 grams) make it ideal for any workspace.

Pre-loaded with Ubuntu Linux

Get started immediately with the included Ubuntu Linux 24.04 LTS operating system, offering a stable, secure, and customizable computing experience for developers, students, and everyday users.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- RAM: 4GB DDR4
- Storage: 1TB SSD
- Ports: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Adapter: 12V 7A (100~275V AC input)
- Operating System: Ubuntu Linux 24.04 LTS
- Certifications: BIS, RoHS, ISO



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 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
RS485 Option	1

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	1.59kg, 2.01kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

R-i3_12-[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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