



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set



SKU: R-I3_12-8_8-M512-12_5-X-DOS-KM

Unleash Powerful Productivity in a Compact Footprint

Introducing the Thinvent® Neo R/4 Mini PC, your solution for efficient computing and seamless multitasking.

Key Performance Features

- Powered by an Intel® Core™ i3-1215U processor, boasting 6 cores and reaching up to 4.4 GHz with a 10 MB cache, this mini PC handles demanding applications with ease.
- Experience lightning-fast responsiveness and smooth multitasking with a massive 64GB of DDR4 RAM.
- Store all your essential files and applications on a speedy 512GB SSD.

Versatile Connectivity

- Connect to your displays effortlessly with one HDMI and one VGA port.
- Enjoy clear audio with a dedicated speaker out and microphone in.
- Benefit from high-speed data transfer with two USB 3.2 ports and two USB 2.0 ports.

- Experience robust network performance with a 1000 Mbps Ethernet port.

Reliable Power and Design

- Comes with a 12V 7A adapter for stable power.
- The compact and durable steel housing, finished in a sleek black powder coating, ensures longevity.
- Designed for optimal performance in temperatures from 0°C to 40°C.
- Includes a Thinvent® keyboard and mouse set to get you started immediately.
- Ships with FreeDOS, offering you the flexibility to install your preferred operating system.

Compact and Lightweight

- With dimensions of 198mm × 200mm × 73mm and a mere 110 grams, this mini PC saves valuable desk space.

Certifications

- BIS, RoHS, ISO certified for quality and compliance.



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	16 GB
SSD Storage	512 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	2.11kg, 2.52kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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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

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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