



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

DOS



SKU: R-I3_12-16_16-M512-12_7-X-DOS-0

Unleash Mighty Performance in a Mini Footprint.

Experience the perfect blend of power and portability with the Thinvent® Neo R/4 Mini PC. Designed for efficiency and built to last, this compact powerhouse delivers robust performance without hogging your valuable desk space.

Core Performance

- Driven by an Intel® Core™ i3-1215U processor, featuring 6 cores and a blistering max frequency of 4.4 GHz, alongside a 10 MB cache for seamless multitasking.
- Navigate applications with lightning speed thanks to 4GB DDR4 RAM.
- Boot up instantly and access files in a flash with the generous 512GB SSD.

Seamless Connectivity

- Dual display support with HDMI and VGA ports for versatile monitor setups.
- Connect your essential peripherals effortlessly with 2x USB 3.2 and 2x USB 2.0 ports.

- Enjoy stable, high-speed network access via the integrated 1000 Mbps Ethernet port – ideal for secure wired environments.
- Essential audio connections include Speaker Out and Mic In.

Robust Design and Flexibility

- Housed in durable steel with a sleek black power coating, measuring just 198mm x 200mm x 73mm and astonishingly lightweight at only 110 grams – ideal for any space-constrained setup.
- Comes with FreeDOS, offering you the ultimate freedom to install your preferred operating system or tailor a custom solution.
- Operates reliably across a wide range of conditions, from 0°C to 40°C, with non-condensing humidity from 20% to 80% RH.
- Certified for quality and compliance with BIS, RoHS, and ISO standards.

Power

- Stable 12V 7A adapter with wide AC input (100~275V AC, 50~60 Hz), ensuring consistent performance.



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	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	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	1.68kg, 2.10kg

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

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

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

