



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

Without OS

SKU: R-I3_12-32_32-M2048-12_5-X-W_OS-0



Unleash Mighty Performance in a Mini Footprint.

Discover the Thinvent® Neo R/4, a compact powerhouse engineered for demanding tasks and seamless productivity. This mini PC redefines efficiency, delivering robust performance without occupying valuable space.

Exceptional Performance

- Experience lightning-fast responsiveness with the Intel® Core™ i3-1215U processor, featuring 6 cores and a boost frequency of up to 4.4 GHz, backed by a generous 10 MB cache for superior multitasking.
- Tackle intensive applications with ease thanks to a colossal 64GB DDR4 RAM, ensuring ultra-smooth operation.
- Benefit from rapid boot-ups and swift data access with a spacious 512GB SSD.

Seamless Connectivity

- Connect to a wide range of displays with HDMI and VGA ports.

- Enjoy crystal-clear audio with dedicated Speaker Out and Mic In ports.
- Leverage high-speed peripherals and data transfers through 2 USB 3.2 and 2 USB 2.0 ports.
- Ensure stable, gigabit-speed networking with its reliable 1000 Mbps Ethernet port, ideal for secure, wired environments where Wi-Fi is not desired.

Built for Reliability

- Housed in durable, black powder-coated steel, the Neo R/4 is built to last and seamlessly integrate into any professional setting.
- Operates reliably within 0°C to 40°C, backed by BIS, RoHS, and ISO certifications for peace of mind.
- Comes ready for your chosen operating system, offering ultimate flexibility to tailor your setup. Its compact 198mm x 200mm x 73mm dimensions and featherlight 110-gram weight make it incredibly versatile.



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	64 GB
SSD Storage	2048 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	Without OS
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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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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