



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: R-I3_12-32-S256-12_10-M-DOS-KM



Unleash Productivity in Miniature: Introducing the Thinvent® Neo R/4 Mini PC.

Experience desktop power in an ultra-compact form factor. The Thinvent® Neo R/4 Mini PC is engineered for efficiency and performance, making it the perfect solution for home, office, or industrial environments. Powered by an Intel® Core™ i3-1215U processor with 6 cores and a turbo boost up to 4.4 GHz, coupled with a massive 64GB of DDR4 RAM, this mini PC handles multitasking and demanding applications with ease. Store all your important files and applications on the lightning-fast 512GB SSD.

Key Features and Benefits

- Processor Power: Intel® Core™ i3-1215U (6 cores, up to 4.4 GHz, 10 MB cache) for seamless performance.
- Expansive Memory: 64GB DDR4 RAM for effortless multitasking.
- Rapid Storage: 512GB SSD for quick boot times and fast data access.
- Versatile Connectivity:
- - 1x HDMI and 1x VGA for dual monitor support.

- - 2x USB 3.2 and 2x USB 2.0 ports for all your peripherals.
- - 1000 Mbps Ethernet for reliable wired networking.
- - Dual Band Wi-Fi (802.11ac) for flexible wireless connectivity.
- - Dedicated Speaker Out and Mic In ports.
- Robust Design: Durable steel housing with a sleek black power coating ensures longevity.
- Ready to Go: Ships with FreeDOS and includes a Thinvent® Keyboard and Mouse set.
- Compact Footprint: Dimensions of 198mm × 200mm × 73mm save valuable desk space.
- Energy Efficient: Includes a 12V 7A adapter for reliable power.
- Reliable and Certified: BIS, RoHS, and ISO certifications guarantee quality and safety.
- Wide Operating Conditions: Functions optimally in temperatures from 0°C to 40°C.



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	256 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 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	2.20kg, 2.62kg

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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