



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)

1TB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: R-I3_12-8_8-M1024-12_5-X-11V-KM



Unleash Powerful Performance in a Compact Design

The Thinvent® Neo R/4 Mini PC is your gateway to seamless productivity and efficient operations. Engineered for reliability and speed, this compact powerhouse is perfect for a wide range of business applications and demanding tasks. Experience fluid multitasking with a robust 6-core Intel® Core™ i3-1215U processor, clocking up to 4.4 GHz with a 10 MB cache, ensuring your workflows remain uninterrupted.

Unrivalled Memory and Storage

Dominate your workload with an astonishing 64GB of DDR4 RAM, providing ample headroom for intensive applications and virtual environments. Coupled with a lightning-fast 256GB SSD, boot times and application loading are dramatically reduced, boosting your overall efficiency.

Versatile Connectivity and Robust Build

Connect with confidence using a comprehensive array of ports including HDMI, VGA, 2x USB 3.2, 2x USB 2.0, and a high-speed 1000 Mbps Ethernet port. The durable steel housing, finished in classic black with a power coating, ensures longevity and withstands demanding environments.

Intelligent Operating System

Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a stable and secure platform optimized for enterprise solutions. This package also includes a Thinvent® Keyboard and Mouse set for an immediate, ready-to-go experience.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Core, up to 4.4 GHz, 10 MB Cache)
- RAM: 64GB DDR4
- Storage: 256GB SSD
- Operating System: Windows 11 IoT Enterprise LTSC 2024 Value
- Connectivity: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Power Adapter: 12V 7A (100~275V AC input)
- Dimensions: 198mm × 200mm × 73mm
- Weight: 110 grams
- Housing: Black Steel, Power Coated
- Included Peripherals: Thinvent® Keyboard and Mouse Set



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	1024 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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