



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: R-I3_13-16_16-M512-12_7-M-11V-KM



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

Experience powerhouse performance in an ultra-compact form factor. The Thinvent® Neo R/4 Mini PC is engineered for seamless multitasking and efficient operation, making it the ideal solution for a wide range of applications.

Performance Powerhouse

- Fueled by an Intel® Core™ i3-1315U processor, featuring 6 cores that reach up to 4.5 GHz with a 10 MB cache for rapid data processing.
- Boasts 32GB DDR4 RAM, ensuring smooth transitions between demanding applications.
- A swift 128GB SSD provides rapid boot times and quick file access.

Versatile Connectivity

- Connect to any display with HDMI and VGA outputs.
- Expand your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.

- Integrated 1000 Mbps Ethernet for reliable wired networking.
- Enjoy lag-free wireless with Dual Band Wi-Fi 5 (802.11ac).

Built for Reliability

- Housed in a durable black steel chassis with a powder-coated finish.
- Operates efficiently within a 0°C ~ 40°C temperature range.
- Includes a 12V 7A adapter for stable power delivery.
- Powered by Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, designed for robust and secure operation.
- Comes complete with a Thinvent® Keyboard and Mouse set for an immediate plug-and-play experience.
- Compact dimensions (198mm × 200mm × 73mm) and a lightweight design (110 grams) make it incredibly space-saving.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 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

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	2.13kg, 2.55kg

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_13-[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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