



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: R-I5_12-4-S128-12_10-M-11V-KM



Unleash Productivity in a Compact Powerhouse

Introducing the Thinvent® Neo R/4 Mini PC, where compact design meets desktop performance. Power your business and creative workflows with the cutting-edge Intel® Core™ i5-1250P processor, boasting 12 cores and a blazing-fast turbo speed of up to 4.4 GHz, complemented by a generous 12 MB cache for seamless multitasking.

Exceptional Performance Features

- Experience lightning-fast responsiveness with 32GB of DDR4 RAM, ensuring smooth operation even with demanding applications.
- Store all your essential files and applications with ample space on the 512GB SSD.
- Enjoy versatile connectivity options with HDMI and VGA outputs for dual-monitor setups, alongside essential ports like Speaker Out, Mic In, 2x USB 3.2, and 2x USB 2.0.

- Stay connected at high speeds with Dual Band WiFi (Wi-Fi 5, 802.11ac) and a robust 1000 Mbps Ethernet port.

Designed for Reliability and Versatility

- The robust steel housing with a sleek black power coating ensures durability.
- Supplied with a reliable 12V 7A adapter for consistent power delivery.
- Operating within a wide temperature range (0°C ~ 40°C) and humidity levels (20% ~ 80% RH, non-condensing).
- Includes a premium Thinvent® Keyboard and Mouse set for an immediate, complete workstation solution.
- Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for business environments.

Compact and powerful, the Thinvent® Neo R/4 is your ultimate solution for space-saving efficiency.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	128 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	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	2.23kg, 2.65kg

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-i5_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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