



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-I5_12-16_16-M256-12_5-M-U-0



Unleash Mighty Performance in a Mini Footprint

Introducing the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for peak efficiency and reliability. This robust system delivers desktop-grade computing in a form factor that fits almost anywhere.

Unrivalled Performance

- Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores that boost up to 4.4 GHz and a 12 MB cache.
- Experience seamless multitasking with 8GB DDR4 RAM.
- Enjoy rapid boot times and quick application loading from the 128GB SSD.

Versatile Connectivity

- Drive dual displays with dedicated HDMI and VGA outputs for an expanded workspace.
- Connect all your essential peripherals with 2x USB 3.2 and 2x USB 2.0 ports.
- Benefit from lightning-fast networking via 1000 Mbps Ethernet.
- Stay wirelessly connected with dual-band Wi-Fi 5 (802.11ac).

- Integrated Speaker Out and Mic In ports provide full audio support.

Built for Reliability

- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source computing experience.
- Encased in a durable, black power-coated steel housing, weighing just 110 grams.
- Its ultra-compact dimensions of 198mm × 200mm × 73mm make it ideal for space-constrained environments.
- Comes with a robust 12V 7A adapter and a 2-metre cable, accepting a wide 100~275V AC input for global use.
- Certified with BIS, RoHS, and ISO standards, ensuring quality and safety.
- Designed to operate reliably from 0°C to 40°C with 20% to 80% non-condensing humidity.

The Thinvent® Neo R/4 Mini PC is your ultimate solution for powerful, durable, and highly efficient computing wherever you need it.



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	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

NETWORKING

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

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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

R-i5_12-[RAM]-[SSD]-12_10-[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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