



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

32GB MLC SSD

Dual Band WiFi

Ubuntu Linux

DB9 Serial

SKU: R-I5_12-8-S32-12_10-M-U-1S



Unleash Mighty Performance in a Featherlight Form.

The Thinvent® Neo R/4 Mini PC revolutionizes compact computing. This mini powerhouse delivers exceptional speed and versatility, engineered for demanding tasks while fitting seamlessly into any environment.

Peak Performance, Minimal Footprint

Experience lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, boasting 12 cores and up to 4.4 GHz. Effortlessly handle multitasking, complex applications, and intense workloads. With 8GB DDR4 RAM for smooth operation and a blazing 1TB SSD, enjoy instant boot-ups and rapid data access, maximizing your productivity.

Engineered for Connectivity and Control

Expand your workspace with dual display support via HDMI and VGA. Stay connected with robust dual-band Wi-Fi 5 and Gigabit Ethernet. A comprehensive array of USB 3.2 and 2.0 ports accommodates all your peripherals. Crucially, the integrated DB9 serial port makes the Neo R/4 ideal for industrial control, POS systems, and specialized legacy device management, offering unmatched utility in niche applications.

Secure, Durable, and Ready

Pre-installed with Ubuntu Linux 24.04 LTS, benefit from a secure, stable, and powerful open-source operating system with long-term support. Encased in a durable, sleek steel chassis, this PC is built to last. Weighing an astonishing 110 grams and incredibly compact (198x200x73mm), the Neo R/4 offers unparalleled deployment flexibility and robust reliability, certified by BIS, RoHS, and ISO standards.



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	8 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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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