



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

32GB MLC SSD

No WiFi

DOS

DB9 Serial



SKU: R-I5_12-4-S32-12_10-X-DOS-1S

Unleash unparalleled power in an ultra-compact, industrial-grade design.

The Thinvent® Neo R/4 Mini PC redefines efficiency and performance in a tiny footprint. Engineered for demanding environments and specialized applications, this robust mini PC delivers a powerhouse experience without compromise.

Performance Unleashed

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz for superior multi-tasking.
- Seamlessly manage intensive tasks and applications with an expansive 64GB DDR4 RAM.
- Store vast amounts of data and enjoy instant boot-ups from the colossal 1TB SSD.

Tailored Connectivity

- Integrate effortlessly into diverse setups with a dedicated DB9 RS232 serial port, indispensable for legacy systems, automation, and specialized industrial control.

- Ensure rock-solid network stability and enhanced security with a gigabit Ethernet connection, ideal for environments requiring reliable wired connectivity.
- Connect multiple displays via HDMI and VGA for enhanced productivity.
- Utilize a suite of USB 3.2 and 2.0 ports for all your peripherals.

Built for Reliability

- Housed in a durable, powder-coated steel chassis, the Neo R/4 is engineered for longevity and robust performance.
- Its ultra-compact dimensions and incredibly lightweight 110-gram design make it highly versatile for any deployment.
- Ships with FreeDOS, offering you the freedom to install your preferred operating system or specialized software.
- Operates reliably across a 0°C to 40°C temperature range.
- Certified with BIS, RoHS, and ISO standards, ensuring quality and environmental compliance.



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	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
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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	FreeDOS
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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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