



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Thinux Embedded Linux

SKU: R-I5_12-8_8-M512-12_7-X-THINUX-0



Thinvent® Neo R/4: Your Compact Powerhouse for Secure Operations.

Experience a revolution in computing with the Thinvent® Neo R/4 Mini PC. Engineered for demanding environments, its Intel® Core™ i5-1250P processor delivers exceptional performance with 12 cores and speeds up to 4.4 GHz, backed by 12 MB of cache. Coupled with 4GB DDR4 RAM and a lightning-fast 128GB SSD, you get rapid boot times and seamless multitasking for all your critical applications.

Optimized for Productivity and Control

Pre-installed with Thinvent® Thinux™ Embedded Linux, this Mini PC offers a secure, stable, and cost-effective operating environment.

- Enjoy built-in Chromium and Mozilla Firefox for web-based tasks.
- Facilitate robust remote access with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH.
- Benefit from browser-based remote management and VNC shadowing for effortless administration.
- Support specialized applications with Java, Python, and glibc integration.

- Utilize LibreOffice and a PDF viewer for daily productivity, alongside a multimedia player with MPEG4 support.
- Communicate seamlessly with SIP video and voice over IP capabilities.

Designed for Durability and Connectivity

The Neo R/4 features a durable steel housing with a professional black powder coating, weighing a mere 110 grams and boasting compact dimensions of 198mm × 200mm × 73mm. Essential connectivity is provided through dual display outputs (HDMI, VGA), two high-speed USB 3.2 ports, two USB 2.0 ports, a speaker out, mic in, and a reliable 1000 Mbps Ethernet connection for secure, wired networking. Powered by an energy-efficient 12V 7A adapter with wide 100~275V AC input, it's built for continuous operation in temperatures from 0°C to 40°C. Certified with BIS, RoHS, and ISO, the Thinvent® Neo R/4 is your robust solution for secure and powerful embedded computing.



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	16 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
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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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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