



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: R-I3_12L-16-M1024-12_5-M-THINUX-0



Power Your Projects with Unshakeable Simplicity: The Thinvent Neo R/4.

Forget bulky towers and complex setups. The Neo R/4 is your compact, robust solution for industrial computing that just works. Designed for reliability in demanding environments, it delivers the seamless performance you need to keep operations running smoothly.

Ideal for a multitude of applications

- Deploy as a sleek digital signage player for vibrant retail displays or corporate communications.
- Serve as the dependable heart of a kiosk, point-of-sale system, or interactive information terminal.
- Perfect for thin client setups, office productivity, and lightweight computing tasks.
- Enable secure remote management and monitoring with its integrated tools.

- Engineered for endurance with a rugged steel housing, built to withstand the rigours of 24/7 operation.
- Enjoy versatile connectivity with dual LAN ports for network redundancy and a wealth of ports for all your peripherals.
- Benefit from a truly out-of-the-box experience with Thinix™ Embedded Linux, pre-loaded with essential applications for productivity, development, and remote access.
- Its fanless, compact design ensures silent running and fits effortlessly into space-constrained installations.

Streamline your workflow with a mini PC that combines industrial strength with straightforward, ready-to-run capability. The Thinvent Neo R/4 is the steadfast partner for your critical digital tasks.

Why choose the Neo R/4?



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
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	1.59kg, 2.01kg

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-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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