



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM

1TB SSD

No WiFi

Thinux Embedded Linux

DB9 Serial



SKU: R-I3_13-64-M1024-12_5-X-THINUX-1S

Unleash Unrivaled Performance in a Compact, Secure Powerhouse.

Introducing the Thinvent® Neo R/4 Mini PC: a groundbreaking solution engineered for demanding environments where reliability and performance are paramount. This remarkably powerful mini PC is driven by an Intel® Core™ i3-1315U processor, featuring 6 cores with speeds up to 4.5 GHz and a 10 MB cache, ensuring seamless multitasking and rapid application execution.

Experience unparalleled responsiveness and efficiency

- Main Memory: Command 64GB of lightning-fast DDR4 RAM for effortless handling of intensive workloads.
- SSD Storage: Benefit from a spacious 512GB SSD, delivering instantaneous boot-ups and ultra-quick data access.

Designed for robust integration and unwavering security

- Wired Reliability: Connect with confidence via 1000 Mbps Ethernet, complemented by two USB 3.2 and two USB 2.0 ports.
- Legacy Integration: Seamlessly interface with industrial equipment using the dedicated DB9 RS232 serial port.
- Secure by Design: With no WiFi, the Neo R/4 offers enhanced security for sensitive deployments.

Harness the power of Thinvent® Thinux™ Embedded Linux

- Advanced OS: A purpose-built operating system offering exceptional stability and security.
- Comprehensive Features: Enjoy pre-installed Chromium and Mozilla Firefox browsers, RDP 10 (RemoteFX, H.264/AVC) for efficient remote display, Putty and SSH for secure access, and browser-based remote management with VNC shadowing.
- Application Ready: Support for Java, Python, glibc based location applications, LibreOffice, PDF viewer, multimedia playback, and SIP video/voice over IP.

Built to last and incredibly discreet

- Durability: Housed in robust, powder-coated black steel, certified with BIS, RoHS, and ISO for peace of mind.
- Ultra-Compact Design: Measuring just 198mm x 200mm x 73mm and remarkably lightweight at 110 grams, it fits almost anywhere.

The Thinvent® Neo R/4 Mini PC is your ultimate choice for secure, high-performance computing in a compact footprint.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	1024 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	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	1.52kg, 1.94kg

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_13-[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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