



Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

32GB MLC SSD

No WiFi

Thinux Embedded Linux

SKU: R-I5_13-16_16-S32-12_7-X-THINUX-0



Thinvent® Neo R/4: Your Compact Powerhouse for Secure, Dedicated Workloads.

The Thinvent® Neo R/4 Mini PC redefines efficiency, packing exceptional power into an ultra-compact, industrial design. Engineered for demanding environments and critical applications, it delivers high-performance computing without compromise.

Key Performance

- Powered by an Intel® Core™ i5-1335U processor with 10 cores and speeds up to 4.6 GHz, featuring a 12 MB cache for seamless multitasking and rapid application execution.
- Experience lightning-fast responsiveness with 32GB DDR4 RAM and a spacious 512GB SSD, providing ample storage and rapid boot times.

Secure and Managed OS

- Runs on Thinvent® Thinux™ Embedded Linux, a highly secure, stable, and low-maintenance operating system tailored for thin client and embedded applications.
- Enjoy advanced remote management, including RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based remote management, and VNC shadowing for easy administration.
- Benefit from integrated productivity tools like LibreOffice and a PDF viewer, along with multimedia (MPEG4 player, SIP video/voice over IP) for comprehensive communication.

- Supports Java, Python, and glibc-based location applications, making it versatile for specialized industry use. Chromium and Mozilla Firefox browsers are also included.

Robust Connectivity and Design

- Connectivity includes 1 HDMI, 1 VGA, 1 Speaker Out, and 1 Mic In.
- Connect peripherals via 2 USB 3.2 and 2 USB 2.0 ports.
- Designed for unwavering network reliability with a dedicated 1000 Mbps Ethernet connection, ensuring consistent performance where wired stability is paramount. (Note: No WiFi)
- Supplied with a robust 12V 7A adapter with wide AC input (100~275 Volts), ensuring stable, efficient power in diverse environments.
- Housed in a durable, black powder-coated steel chassis, built to withstand continuous operation.
- Ultra-compact (198mm × 200mm × 73mm) and lightweight (110 grams), it's ideal for space-constrained installations.
- Operates reliably across a wide temperature range of 0°C to 40°C.

Trusted Quality

- BIS, RoHS, and ISO certified, guaranteeing stringent quality and environmental compliance.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 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

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	1.61kg, 2.03kg

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_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB) 32 = 32GB DDR4
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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