



Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Thinix Embedded Linux

DB9 Serial

SKU: R-I5_13-16-M256-12_5-M-THINUX-1S



Unleash compact power: The ultimate mini PC for robust performance and versatile connectivity.

Experience seamless efficiency with the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks in a surprisingly small footprint. Powered by an Intel® Core™ i5-1335U processor, this mini powerhouse delivers a rapid 10-core performance up to 4.6 GHz with 12 MB cache, ensuring smooth multitasking and responsive applications. Coupled with a swift 128GB SSD and 4GB DDR4 RAM, you get instant boot-ups and quick access to your data.

Connectivity and Versatility

- Connect to multiple displays with HDMI and VGA ports.
- Access high-speed networking with Dual Band Wi-Fi 5 and Gigabit Ethernet.
- Utilize four USB ports (2x USB 3.2, 2x USB 2.0) for peripherals.
- Crucially, a DB9 Serial port provides essential legacy and industrial control compatibility.

The Thinvent® Thinix™ Advantage

Pre-installed with Thinvent® Thinix™ Embedded Linux, the Neo R/4 offers a secure, optimized, and feature-rich environment

- Enjoy robust browsing with Chromium and Mozilla Firefox.
- Seamlessly manage remote work with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Support for Java, Python, and glibc based applications.
- Boost productivity with LibreOffice and a PDF viewer.
- Multimedia player with MPEG4 support and SIP video/voice over IP capabilities.
- Benefit from browser-based remote management for ultimate control.

Designed for durability and flexible deployment, its robust steel housing with a sleek black power-coated finish measures just 198mm x 200mm x 73mm. This ultra-compact and reliable Mini PC, certified by BIS, RoHS, and ISO, is perfect for kiosks, digital signage, industrial control, and demanding office environments where space and performance are paramount.



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	16 GB
SSD Storage	256 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
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	1.52kg, 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-i5_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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