



Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM

512GB SSD

No WiFi

Thinux Embedded Linux

DB9 Serial



SKU: R-I5_13-32-M512-12_5-X-THINUX-1S

Unleash Enterprise Power in a Mini PC Marvel.

Experience unparalleled performance and reliability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding environments, this compact powerhouse delivers robust computing where space is at a premium.

Core Performance

- An Intel® Core™ i5-1335U processor with 10 cores, up to 4.6 GHz, and 12 MB cache provides exceptional speed for complex applications and multitasking.
- 64GB DDR4 RAM ensures lightning-fast responsiveness.
- A 32GB MLC SSD offers rapid boot times and durable storage for critical embedded applications.

Thinvent® Thinux™ Advantage

- Pre-installed Thinvent® Thinux™ Embedded Linux offers a secure, stable, and highly optimized platform.
- Benefit from comprehensive remote management: RDP 10 with RemoteFX, Putty, SSH, and browser-based control, ideal for distributed deployments.

- Extensive Thinux™ features, including Java/Python/glibc support, browsers, LibreOffice, multimedia, and SIP video/voice, cater to thin clients, kiosks, and specialized workstations.

Seamless Connectivity

- A dedicated DB9 serial port is crucial for industrial and legacy systems.
- Enjoy robust 1000 Mbps Ethernet and versatile dual display support (HDMI, VGA).
- Ample USB 3.2 and 2.0 ports provide extensive peripheral connections.

Built to Last

- Durable, powder-coated black steel housing ensures longevity.
- Its remarkably lightweight 110-gram frame (198x200x73mm) makes deployment effortless.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

The Thinvent Neo R/4 is your ultimate solution for reliable, high-performance embedded computing.



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	512 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-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	
	Thinux = Thinux™ 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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