



Thinvent Neo R/4 Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

32GB MLC SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: R-N5-16-S32-12_5-M-THINUX-KM



Big performance in a tiny package. The Thinvent Neo R/4 Mini PC is the robust, ready-to-run digital heart for any demanding industrial environment. Forget bulky desktops; this compact powerhouse delivers unwavering reliability where space is at a premium and downtime is not an option.

Perfect for

- Powering digital signage and interactive kiosks in retail or public spaces.
- Running essential control and monitoring applications on the factory floor.
- Serving as a dedicated, secure workstation for office tasks and communications.
- Managing point-of-sale systems with smooth, consistent operation.

Why choose the Neo R/4

Unshakeable reliability: Built with industrial-grade components in a sturdy steel housing, it thrives in challenging conditions where ordinary PCs would fail.

Simplified deployment: Arrives fully equipped with our intuitive Thinux operating system, a keyboard, and mouse —simply plug in and power up your project.

Effortless remote management: Handle updates, troubleshooting, and monitoring from anywhere with our integrated browser-based management tools, slashing maintenance time and costs.

Always-on connectivity: Stay reliably linked with dual-band Wi-Fi and Gigabit Ethernet, ensuring your critical data flows without interruption.

The Neo R/4 is more than a computer; it's a dependable partner engineered for the long haul.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	11th
Series	Celeron
Processor Brand	Intel
Processor Model	N5095A
Cores	4
Max Frequency	2.9 GHz
Cache	4 MB
Main Memory	16 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	4
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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	1.99kg, 2.41kg

ACCESSORIES

Keyboard and Mouse	1
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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-N5-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB			
	m512 = 512GB			
	S32 = 32GB MLC			
	S256 = 256GB			
Wireless	m = Dual Band WiFi			
		X = No WiFi		
OS	DOS = DOS			
	11I = Windows 11 IoT			
	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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