



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

No WiFi

Ubuntu Linux

DB9 Serial



SKU: R-N5-16-S32-12_7-X-U-1S

Engineered for the critical edge: Where reliability meets industrial simplicity.

The Thinvent® Neo R/4 is the resilient, dedicated core for your essential operations. Built for environments where complexity is a liability, this compact powerhouse delivers steadfast performance without unnecessary frills.

Unwavering reliability for mission-critical tasks

- A focused, streamlined system designed for 24/7 operation in demanding industrial and commercial settings.
- Its inherent simplicity reduces potential points of failure, ensuring your processes keep running smoothly.
- The robust steel housing and wide operating temperature range provide durability where standard computers falter.

Seamless integration with legacy systems

- Directly connect to specialised machinery, PLCs, and point-of-sale systems with the built-in DB9 serial port.

- Offers versatile display connectivity to support older monitors alongside modern screens, perfect for modernising control rooms or kiosks.
- The pure Ubuntu Linux environment provides a stable, secure, and customisable platform for your specific application software.

Pure performance where it matters most

- Dedicate all its efficient power to your single, vital application without background bloat or connectivity overhead.
- Its compact, fanless design ensures silent operation and easy deployment in space-constrained locations like control cabinets or behind displays.
- Get up and running fast with a pre-installed, ready-to-work operating system, minimising setup time and IT complexity.

Choose the Neo R/4 for your digital signage, industrial automation, thin client, or dedicated control panel. It's the no-nonsense computing solution built to work hard, without you having to work hard on it.



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
Serial Port	1 DB9 male RS232

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	1.57kg, 1.99kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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	m256 = 256GB		
	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		
	11I = Windows 11 IoT	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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