



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

DOS

DB9 Serial

SKU: R-N5-16-S32-12_7-M-DOS-1S



The reliable heart of industrial automation.

Built for demanding environments

Designed to thrive in challenging conditions, the Thinvent Neo R/4 Mini PC delivers unwavering performance where it matters most. Its robust steel construction ensures durability for long-term operation in factories, warehouses, and retail spaces.

Key benefits for your business

- Power essential industrial applications, from machine control to digital signage, with consistent and dependable computing.
- Connect seamlessly to legacy equipment and modern networks thanks to integrated serial connectivity and dual-band Wi-Fi.

- Simplify integration into any workspace with a compact, rugged design that saves valuable space without sacrificing resilience.
- Achieve peace of mind with a device engineered for reliable 24/7 operation, keeping your critical processes running smoothly.

Ideal for a multitude of applications

From powering point-of-sale systems and interactive kiosks to managing automation on the factory floor, this versatile mini PC is the steadfast partner for your operational technology. Choose the Thinvent Neo R/4 for a robust computing solution that just works, day in and day out.



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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	FreeDOS
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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	m1024 = 1TB	
	m512 = 512GB	S128 = 128GB		
	S32 = 32GB MLC			
	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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