



Thinvent Neo R/4 Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

128GB SSD

No WiFi

DOS

DB9 Serial



SKU: [R-N5-16-S128-12_7-X-DOS-1S](#)

Engineered for the heart of industry.

Built to Thrive Where Others Won't

The Thinvent® Neo R/4 is a steadfast digital workhorse designed for demanding environments. Its compact, rugged steel chassis houses reliable, fanless operation, ensuring silent and durable performance in settings from factory floors to kiosks.

Unshakeable Reliability for Core Operations

This mini PC delivers consistent, focused computing power for your most critical tasks. It provides a stable and dedicated platform for running specialised software, legacy applications, and industrial control systems without the bloat or vulnerabilities of modern consumer operating systems.

Perfectly Suited for Your Application

- Acts as a robust controller for manufacturing equipment and automation systems.
- Powers digital signage and interactive kiosks in public spaces with unwavering stability.
- Serves as a dedicated server for point-of-sale or monitoring applications.
- Provides a dependable interface for machinery using legacy serial connections.

Choose the Neo R/4 for a no-nonsense computing solution that puts rugged dependability first. It's the solid foundation your operational technology needs.



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	128 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	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			
	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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