



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

128GB SSD

No WiFi

Without OS

DB9 Serial



SKU: R-I5_12-8-S128-12_5-X-W_OS-1S

Thinvent Neo R/4: Compact Power, Unyielding Performance, Built for Your Demanding World.

Introduction

Discover the Thinvent® Neo R/4 Mini PC, an industrial-grade workhorse engineered for specialized applications requiring robust performance and steadfast reliability. This compact powerhouse is perfect for automation, industrial control, point-of-sale systems, and secure business environments where dedicated, wired connectivity is paramount.

Unmatched Performance

Experience lightning-fast processing with the Intel® Core™ i5-1250P processor, featuring 12 cores and a boost frequency up to 4.4 GHz for seamless multitasking and rapid data handling. Paired with a massive 32GB DDR4 RAM, the Neo R/4 effortlessly manages intensive workloads, while the 128GB SSD ensures quick boot times and swift application launches.

Connectivity and Adaptability

Designed for specialized integration, the Neo R/4 boasts a crucial DB9 male RS232 serial port for legacy device communication and industrial automation. Connect with confidence via a stable 1000 Mbps Ethernet port. Dual display support is provided through HDMI and VGA outputs, catering to diverse display setups. With no pre-installed OS and no WiFi, you gain the ultimate flexibility to configure your system for maximum security and specific operational needs.

Robust Design and Reliability

Encased in a durable, black powder-coated steel housing, this mini PC is built to endure. Its incredibly compact dimensions (198mm x 200mm x 73mm) and lightweight design (110 grams) allow for versatile mounting and deployment in tight spaces. Operating reliably between 0°C and 40°C, the Neo R/4 is backed by BIS, RoHS, and ISO certifications, ensuring quality and peace of mind.

Power and Efficiency

Power your operations with a robust 12V 7A adapter, capable of handling a wide 100~275 Volts AC input, making it globally adaptable and resilient.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	128 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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

R-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
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	
	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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