



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux

DB9 Serial

SKU: R-I5_12-64-M512-12_5-M-U-1S



Unleash Mighty Performance in a Featherlight Form.

The Thinvent® Neo R/4 Mini PC revolutionizes compact computing. This mini powerhouse delivers exceptional speed and versatility, engineered for demanding tasks while fitting seamlessly into any environment.

Peak Performance, Minimal Footprint

Experience lightning-fast responsiveness with the Intel® Core™ i5-1250P processor, boasting 12 cores and up to 4.4 GHz. Effortlessly handle multitasking, complex applications, and intense workloads. With 8GB DDR4 RAM for smooth operation and a blazing 1TB SSD, enjoy instant boot-ups and rapid data access, maximizing your productivity.

Engineered for Connectivity and Control

Expand your workspace with dual display support via HDMI and VGA. Stay connected with robust dual-band Wi-Fi 5 and Gigabit Ethernet. A comprehensive array of USB 3.2 and 2.0 ports accommodates all your peripherals. Crucially, the integrated DB9 serial port makes the Neo R/4 ideal for industrial control, POS systems, and specialized legacy device management, offering unmatched utility in niche applications.

Secure, Durable, and Ready

Pre-installed with Ubuntu Linux 24.04 LTS, benefit from a secure, stable, and powerful open-source operating system with long-term support. Encased in a durable, sleek steel chassis, this PC is built to last. Weighing an astonishing 110 grams and incredibly compact (198x200x73mm), the Neo R/4 offers unparalleled deployment flexibility and robust reliability, certified by BIS, RoHS, and ISO standards.



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	64 GB
SSD Storage	512 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
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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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
	64 = 64GB DDR4			
SSD	m128 = 128GB		m256 = 256GB	
	m32 = 32GB		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	
	Thinix = Thinix™ 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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