



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: R-15_14-16-M256-12_5-M-W_OS-1S



Compact Powerhouse: Where Performance Meets Versatility.

Experience unparalleled performance with the Thinvent® Neo R/4 Mini PC. Engineered for speed and reliability, this ultra-compact device redefines productivity for home, office, and industrial applications.

Unrivaled Processing Power

- At its heart lies the Intel® Core™ 5 120U processor, boasting 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache. This ensures seamless multitasking, rapid application loading, and smooth handling of demanding workloads.

Blazing Fast Storage & Memory

- Benefit from lightning-fast boot times and instant data access with a spacious 1TB SSD. Coupled with 16GB DDR4 RAM, the Neo R/4 delivers efficient performance for all your computing needs.

Comprehensive Connectivity

- Expand your workspace with dual HDMI and a VGA port for multi-display setups. Connect all your devices with two USB 3.0 and two USB 2.0 ports. Integrated audio jacks (speaker out, mic in) enhance multimedia capabilities, while a dedicated DB9 serial port provides essential support for legacy and industrial equipment. Stay seamlessly connected with Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac).

Built to Endure

- Housed in a durable, powder-coated black steel chassis, this Mini PC is designed for longevity and resilience. Its incredibly lightweight 110-gram frame and compact dimensions (198x200x73mm) allow for flexible placement without sacrificing robustness. Operates reliably in diverse environments (0°C to 40°C) with flexible power input (100~275V AC).

Your Choice, Your OS

- Offered without an operating system, the Thinvent® Neo R/4 provides the freedom to install your preferred platform, giving you complete control and cost-effectiveness.

Certified Reliability

- Backed by BIS, RoHS, and ISO certifications, ensuring quality and peace of mind.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	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	1.23kg, 1.65kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE			
R-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4
	64 = 64GB DDR4		32 = 32GB 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
	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		

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
 #11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
 UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

