



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

Dual Band WiFi

Without OS

DB9 Serial

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



Unleash Mighty Performance in a Mini Footprint.

Introducing the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for peak efficiency and robust reliability. Experience unparalleled speed and seamless multitasking with the Intel® Core™ i5-1250P processor, boasting 12 cores and a blistering 4.4 GHz maximum frequency. With a generous 12 MB cache, 8GB of DDR4 RAM, and a lightning-fast 1TB SSD, your applications will launch instantly and run flawlessly.

Ready for Versatility

This mini PC provides the freedom to install your preferred operating system. Connectivity is exceptional, featuring

- Dual display support with HDMI and VGA ports
- Four USB ports (two 3.2, two 2.0) for all your peripherals

- A dedicated DB9 serial port, perfect for industrial control or legacy device integration
- Gigabit Ethernet for ultra-fast wired networking
- Dual-band Wi-Fi 5 for reliable wireless access
- Integrated speaker out and microphone in ports for complete audio connectivity

Built to Endure

Encased in durable, power-coated black steel, the Neo R/4 is built for longevity. Its remarkably compact dimensions (198mm × 200mm × 73mm) and incredibly light weight (110 grams) make it ideal for any workspace, integrating discreetly. Operating efficiently between 0°C and 40°C, and certified by BIS, RoHS, and ISO, you can trust its quality and performance. Power it reliably with the included 12V 7A adapter and 2-meter cable.



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
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	Without OS
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Ordering Information

PRODUCT CODE			
R-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 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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