



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

256GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-I5_12-8-S256-12_5-M-U-0



Unleash Mighty Performance in a Mini Footprint

Introducing the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for peak efficiency and reliability. This robust system delivers desktop-grade computing in a form factor that fits almost anywhere.

Unrivalled Performance

- Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores that boost up to 4.4 GHz and a 12 MB cache.
- Experience seamless multitasking with 8GB DDR4 RAM.
- Enjoy rapid boot times and quick application loading from the 128GB SSD.

Versatile Connectivity

- Drive dual displays with dedicated HDMI and VGA outputs for an expanded workspace.
- Connect all your essential peripherals with 2x USB 3.2 and 2x USB 2.0 ports.
- Benefit from lightning-fast networking via 1000 Mbps Ethernet.
- Stay wirelessly connected with dual-band Wi-Fi 5 (802.11ac).

- Integrated Speaker Out and Mic In ports provide full audio support.

Built for Reliability

- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source computing experience.
- Encased in a durable, black power-coated steel housing, weighing just 110 grams.
- Its ultra-compact dimensions of 198mm × 200mm × 73mm make it ideal for space-constrained environments.
- Comes with a robust 12V 7A adapter and a 2-metre cable, accepting a wide 100~275V AC input for global use.
- Certified with BIS, RoHS, and ISO standards, ensuring quality and safety.
- Designed to operate reliably from 0°C to 40°C with 20% to 80% non-condensing humidity.

The Thinvent® Neo R/4 Mini PC is your ultimate solution for powerful, durable, and highly efficient computing wherever you need it.



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	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

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
	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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