



Thinvent Neo R/4 Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: R-I5_12H-16_16-S128-12_5-M-11P-0



Powerful performance in a space-saving chassis that fits anywhere.

Compact power for demanding spaces

- The Thinvent Neo R/4 packs genuine desktop-class processing into a footprint no larger than a book, perfect for cramped retail counters, factory floors, or digital signage installations where every centimetre counts.
- Its energy-efficient 12th Gen Intel Core i5 processor delivers snappy multitasking without the heat or noise of a traditional tower, keeping your workspace cool and quiet.

Your silent workhorse for every environment

- Whether you're running a point-of-sale system, powering an information kiosk, or managing inventory on the shop floor, this mini PC handles the load effortlessly with Windows 11 Pro out of the box.

- Dual-band Wi-Fi and gigabit Ethernet give you flexible connectivity to stay online wherever you place it.

Built to withstand the daily grind

- A robust steel chassis with a powder-coated finish resists knocks, dust, and the occasional spill – ideal for industrial settings that demand reliability around the clock.
- Wide-range power input and ample USB ports let you connect peripherals without extra adaptors, simplifying installation.

Ready for any role

- From a dedicated digital signage player to a secure thin client in an office hotdesking setup, the Neo R/4 adapts to your changing needs with ease.
- Simple VESA mounting option hides it behind a monitor or under a desk, freeing up valuable counter space for your team or customers.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 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

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	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

R-i5_12H-[RAM]-[SSD]-12_10-[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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