



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

No WiFi

Windows 11 Professional

SKU: H-R5_7-8_8-M2048-19_3-X-11O-0



Industrial power, built to endure.

Meet the Thinvent Neo H, the high-performance pinnacle of our bestselling Neo family. Purpose-built for the demands of industrial control and automation, this isn't just another mini PC – it's a dependable workhorse designed to keep your operations running smoothly, day in and day out.

Why choose the Neo H

- Unmatched processing muscle for complex tasks, from real-time monitoring to data acquisition.
- A rock-solid, powder-coated steel chassis that shrugs off the bumps, knocks, and vibrations of a busy factory floor.
- A comprehensive range of wired ports, giving you the flexibility to connect legacy machinery and modern peripherals with ease and confidence.
- Engineered to work in challenging environments, handling heat and humidity without breaking a sweat.

- Pre-installed with Windows 11 Professional, ensuring enterprise-grade security, seamless domain joining, and full compatibility with your existing business software.

Built for the real world

- For industrial control systems that need unwavering reliability, the Neo H delivers consistent, predictable performance.
- Perfect for edge computing, where processing power must sit close to the action for instant response times.
- Ideal for kiosks, digital signage, and other always-on deployments that demand a compact, long-lasting solution.
- A trusted choice for workshops and labs, where stable wired networking is non-negotiable.

Proudly 100% designed and made in India, the Neo H combines robust construction with powerful, efficient computing. When your operations can't afford downtime, the Neo H is the quiet, steadfast partner you can count on. It's not just a computer; it's the resilient core of your next project.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7430U
Cores	6
Max Frequency	4.3 GHz
Cache	16 MB
Main Memory	16 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 1	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	19 Volts
DC Current	3 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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.27kg, 1.69kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-r5_7-[RAM]-[SSD]-19_3-[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	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S256 = 256GB	
Wireless	m2048 = 2TB			
	S128 = 128GB			
OS	m = Dual Band WiFi	X = No WiFi		
	DOS = DOS	W_OS = Without OS		
Accessories	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	110 = Windows 11 Professional	Thinix = Thinix™ Embedded Linux		
	U = Ubuntu Linux			
	0 = None	KM = Keyboard and Mouse set		
	1S = DB9 Serial	MK = Mechanical Keyboard		
	Mo = Wired Optical Scroll Mouse			

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