



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_12-8-8-M512-12_5-M-11P-KM



Unleash Industrial Power in a Compact Form: The Thinvent Neo H Mini PC.

Experience the high-performance evolution of our bestselling Neo series. The Thinvent Neo H Mini PC is an industrial workhorse, engineered to deliver unparalleled computing power in a space-saving design. As our largest and most robust model, it's 100% designed and made in India, featuring a solid steel build for uncompromising durability in challenging industrial control and similar applications.

Unrivalled Performance

- Dominate demanding tasks with the Intel Core i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz, backed by a generous 12 MB cache.
- Multitask effortlessly and run complex applications with 64GB DDR4 RAM.
- Enjoy rapid boot times and quick data access from the 128GB SSD.
- Pre-installed with Windows 11 Pro for a secure and powerful operating environment.

Built for Connectivity & Reliability

- Connect all your essential peripherals with 2x USB 3.2, 2x USB 2.0, HDMI, VGA, Speaker Out, and Mic In.
- Ensure stable network access with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).
- Designed for continuous operation with a robust 12V 7A adapter and wide voltage input.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.

Complete Solution

- Ready to deploy with a Thinvent Keyboard and Mouse set included.
- Compact dimensions (210mm x 202mm x 80mm) and a sleek black powder-coated steel housing.

This machine is engineered for excellence, ready to tackle your toughest computing challenges.



Thinvent Neo H 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	16 GB
SSD Storage	512 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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.24kg, 2.66kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i5_12-[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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