



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16-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_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

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

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

