



Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro

SKU: H-I5_12D-16-M512-19_7-X-11P-0



Built for Industrial Performance: The Neo H Mini PC Keeps Your Operations Moving

The Thinvent® Neo H is the High Performance version of our bestselling Neo range, and our largest model yet. Packed with a 12th Generation Intel® Core™ i5-12400 processor and a generous set of connectivity options, it is an industrial workhorse ready for demanding control and automation tasks.

Power That Keeps Up With Your Workload

- Six cores running at up to 4.4 GHz deliver quick, responsive performance
- 18 MB of cache helps data flow smoothly through everyday industrial applications
- 16GB DDR4 RAM and a 512GB SSD give you a dependable foundation for Windows 11 Pro

Connectivity Built Around Your Setup

- Two HDMI and one DisplayPort outputs for flexible display options
- Two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports for connecting your peripherals

- Gigabit Ethernet for wired network connections
- Dedicated speaker output and microphone input

Built to Be Trusted

Its steel base and aluminium cover, finished in durable black powder coating, give the Neo H a solid, professional look and feel. It is designed to sit comfortably alongside your equipment on the shop floor or in the control room.

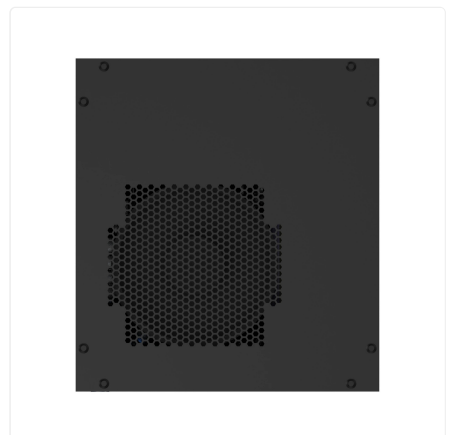
Made in India

The Neo H is 100% designed and made in India, offering you a locally crafted product backed by Thinvent's commitment to quality.

Ideal For

- Industrial control systems
- Automation and monitoring applications
- Any environment where reliable, compact computing matters

Choose the Neo H Mini PC when you need the most capable member of the Neo family, delivering the performance and connectivity your operations depend on.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12400
Cores	6
Max Frequency	4.4 GHz
Cache	18 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	16 GB
SSD Storage	512 GB

DISPLAY

HDMI	2
DisplayPort	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 2	2
USB 3.2 Gen 1	2

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	19 Volts
DC Current	7 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	1.5 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	0.91kg, 1.32kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i5_12d-[RAM]-[SSD]-19_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

m2048 = 2TB

S128 = 128GB

m128_S128 = Dual 128GB

S128_S32 = 128GB SSD + 32 GB MLC

m32_S32 = 32GB SSD + 32 GB MLC

h1024 = 1TB HDD

n1024_h1024 = 1TB NVMe SSD + 1TB HDD

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

m128_S32 = 128GB SSD + 32 GB MLC

S128_S128 = 128GB SSD + 128 GB MLC

S32_S32 = 32GB MLC SSD + 32 GB MLC

n512_h1024 = 512GB NVMe SSD + 1TB HDD

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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