Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Windows 11 Professional

SKU: H-I5_12D-16_16-M256-19_7-X-11O-0



Built for Industrial Performance: The Thinvent Neo H Mini PC

Compact power for demanding industrial environments.

Thinvent's Neo H Mini PC brings the strength of an Intel Core i5-12400 processor to a compact, purpose-built chassis. It is the High Performance version of our bestselling Neo range, and our largest model yet, engineered for teams who need reliable computing at the heart of their operations.

Powering Industrial Control

The 12th Generation Intel Core i5 processor, with six cores and up to 4.4 GHz, gives you the responsiveness to run control software, monitor processes and handle multiple tasks without hesitation. An 18 MB cache keeps data close to the processor, helping your applications respond quickly.

Connected Wherever You Need It

Your work rarely happens in one place, and the Neo H is built to connect with what you already use

- Two HDMI and one DisplayPort outputs for driving multiple screens
- Two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports for fast peripheral connections
- Gigabit Ethernet for dependable wired networking
- Dedicated speaker and microphone connections for audio-driven tasks

Designed to Last

A steel base and aluminium cover, finished in powder-coated black, give the Neo H a solid, professional presence on any workstation or control panel. It is designed and made in India, and runs Microsoft Windows 11 Professional straight out of the box.

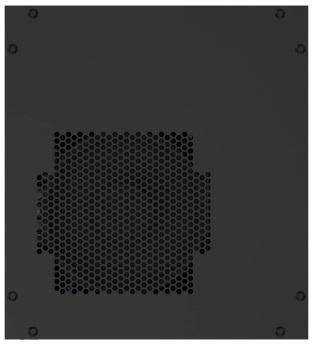
Ready for Your Application

Whether you are building an industrial control system, running monitoring software or equipping a workspace that needs dependable performance, the Neo H Mini PC is ready to take on the task.

Choose the Neo H Mini PC and put a capable, industrial-grade workhorse at the centre of your operation.







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	32 GB
SSD Storage	256 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

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 Professional

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

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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
- **m256** = 256GB
- **m512** = 512GB
- **m1024** = 1TB
- **m2048** = 2TB
- **S32** = 32GB MLC
- **S128** = 128GB
- **S256** = 256GB
- **m128_S128** = Dual 128GB
- **m128_S32** = 128GB SSD + 32 GB MLC
- **S128_S32** = 128GB SSD + 32 GB MLC
- **S128_S128** = 128GB SSD + 128 GB MLC
- **m32_S32** = 32GB SSD + 32 GB MLC
- **S32_S32** = 32GB MLC SSD + 32 GB MLC
- **h1024** = 1TB HDD
- **n512_h1024** = 512GB NVMe SSD + 1TB HDD
- **n1024_h1024** = 1TB NVMe SSD + 1TB HDD

Wireless

- **m** = Dual Band WiFi
- **X** = No WiFi

OS

- **DOS** = DOS
- **W_OS** = Without OS
- **11V** = Windows 11 IoT Value
- **11P** = Windows 11 Pro
- **11O** = Windows 11 Professional
- **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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