Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

4GB DDR4 RAM

512GB SSD

No WiFi

DOS

SKU: H-I5_12D-4-M512-19_7-X-DOS-0

Power Your Industrial Operations with the Neo H Mini PC

Built for demanding industrial environments, the Thinvent Neo H Mini PC delivers the performance you need in a compact, robust package. Powered by a 12th Generation Intel® Core™ i5-12400 processor with six cores and speeds up to 4.4 GHz, it handles control tasks and data processing with a responsive, reliable feel.

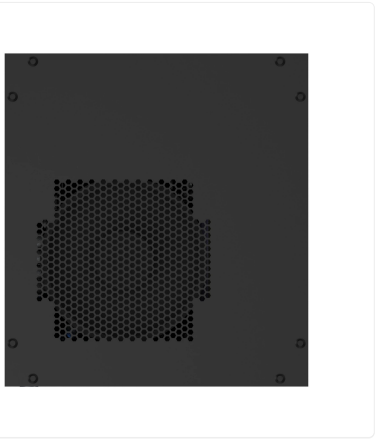
Designed as the High Performance version of our bestselling Neo model, this is our largest and most capable mini PC, offering a strong balance of processing power, memory and storage for industrial control and similar applications.

Key benefits include

- Fast, dependable processing from six Intel cores, ready for demanding workloads
- A generous connectivity range, with two HDMI ports, a DisplayPort, two USB 3.2 Gen 2 ports, two USB 3.2 Gen 1 ports and gigabit Ethernet for wired networking
- Dedicated audio input and output for flexible integration into your setup
- A rugged steel base and aluminium cover with a powder-coated black finish that suits professional settings
- A compact mini PC footprint that fits into tight spaces without sacrificing capability

Proudly designed and made in India, the Neo H Mini PC brings together quality craftsmanship and purpose-built performance. Whether you are upgrading an existing control system or building a new installation, it gives you a dependable foundation to keep your operations moving.

Choose the Neo H Mini PC and put a high-performance industrial workhorse at the heart of your business.



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	4 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

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	FreeDOS

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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