Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

8GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: H-I5_12D-8-M256-19_7-M-11V-0

Power Through Demanding Industrial Tasks with the Thinvent Neo H Mini PC

Compact power built for serious work. The Thinvent Neo H Mini PC brings a 12th Generation Intel Core i5-12400 processor to a small, sturdy footprint, giving your operations the responsiveness they need without taking up valuable space.

Designed for industrial control and similar demanding applications, this high performance model is the largest and most capable of our bestselling Neo range. Its six-core processor, boosting up to 4.4 GHz, handles multiple tasks with ease, keeping your systems running smoothly when it matters most.

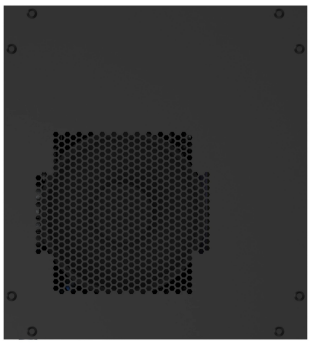
Connectivity is built in. Use it with the displays, peripherals and networks you already rely on

- Two HDMI and one DisplayPort outputs for flexible display setups
- Four USB 3.2 ports for fast connection to your devices
- Gigabit Ethernet for reliable wired networking
- Dual band Wi-Fi for wireless flexibility
- Audio output and microphone input for voice and sound applications

The sturdy build pairs a steel base with a powder coated aluminium cover in a sleek black finish, designed to look as professional as it performs. It is 100% designed and made in India.

Windows 11 IoT Enterprise LTSC 2024 Value comes pre-installed, providing a stable, long-term platform for your business-critical software.

Choose the Thinvent Neo H Mini PC for a dependable, high performance workhorse that delivers power, connectivity and value in one compact package.



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	8 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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 IoT Enterprise LTSC 2024 Value

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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