



Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I5_12D-8_8-M2048-19_7-M-W_OS-KM



Power Through the Toughest Jobs, Without Compromise

When your industrial tasks demand serious performance, the Thinvent® Neo H Mini PC delivers. Built around the 12th Generation Intel® Core™ i5-12400 processor, it brings six capable cores and boost speeds up to 4.4 GHz to your workload, so processes stay responsive when it matters most.

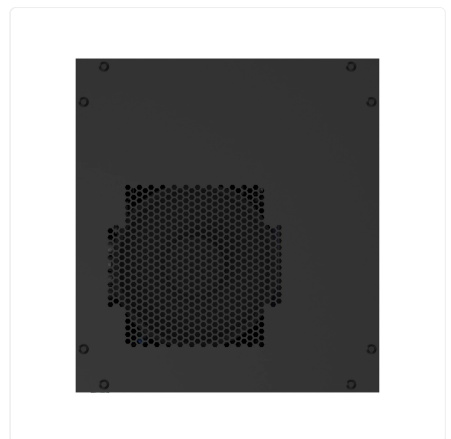
Designed for the factory floor and the control room alike, this is the high performance version of our bestselling Neo range, and our largest model in the line. Its robust steel base and aluminium cover, finished in durable black powder coating, give it a sturdy, professional presence wherever it is installed.

Connectivity is where the Neo H excels. You can drive multiple displays through its two HDMI ports and one DisplayPort, and connect your peripherals and data devices through four USB 3.2 ports. Dual band Wi-Fi and a 1000 Mbps Ethernet port keep your network links flexible and fast.

Key benefits at a glance

- Strong multi-core performance for demanding industrial control applications
- Plenty of connectivity for displays, peripherals and networked equipment
- A compact, purpose-built chassis that fits neatly into tight workspaces
- Ready to run the operating system of your choice, giving you full control over your software environment
- Includes a Thinvent® keyboard and mouse set to get you started straight away

Proudly designed and made in India, the Neo H Mini PC is the reliable, high-capacity choice for engineers, integrators and operators who need dependable computing at the heart of their process.



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	2048 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	1.42kg, 1.84kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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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