



Thinvent Neo H Mini PC

Intel Core i5-12400 processor

6 core, up to 4.4 GHz, 18 MB cache

4GB DDR4 RAM

1TB SSD

Dual Band WiFi

Without OS

SKU: H-I5_12D-4-M1024-19_7-M-W_OS-0



Power That Fits in Your Palm: The Neo H Mini PC

Industrial performance, compact enough to go anywhere.

The Thinvent Neo H Mini PC is the High Performance flagship of our bestselling Neo range. Built around the Intel Core i5-12400 processor, it delivers the responsiveness that demanding industrial control and automation work requires, all in a footprint small enough to slot into tight enclosures and crowded control cabinets.

Here is what it brings to your operation

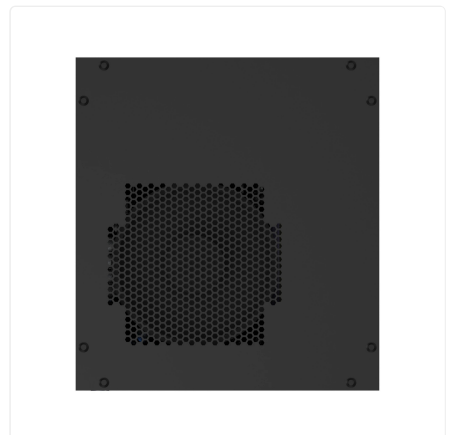
- Serious processing power: Six cores and a turbo boost of up to 4.4 GHz keep multiple tasks running smoothly, so your systems respond quickly when it matters most.
- Room to work: A generous 4GB of DDR4 memory and 128GB of SSD storage give you a solid starting point for your applications and data.
- Connected from the start: Two HDMI ports and a DisplayPort connection support multiple displays, while two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports connect your peripherals and instruments. Gigabit Ethernet and dual band Wi-Fi keep you online.

- Built to be trusted: The steel base and aluminium cover, finished in durable powder-coated black, give the unit a rugged, professional look that suits factory floors and labs alike.
- Made in India: Designed and manufactured in India by Thinvent, so you get a product built close to home.

Ideal for

- Industrial control and automation
- Machine monitoring and data collection
- Kiosks, dashboards and control panels
- Any compact application where performance and connectivity matter

Choose the Neo H Mini PC and give your operation the processing power of a full workstation in a remarkably small package. Without an operating system included, you can install the software that suits your needs exactly.



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	1024 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	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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