



Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

4GB DDR4 RAM

128GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: H-I5_14D-4-M128-19_7-M-U-0



Compact Power, Built for Serious Work

Meet the Thinvent Neo H Mini PC, the high performance flagship of our bestselling Neo range. Designed to handle demanding industrial control and similar applications, it brings desktop-class processing power into a compact, rugged package.

Power where it counts

At its heart sits an Intel Core i5-14400 processor, giving you the responsiveness you need to keep operations moving. Whether you are running control software, managing data or juggling several tasks at once, the Neo H is quick to respond and ready for the job.

Built to last in demanding environments

A steel base and aluminium cover, finished in durable black powder coating, give the Neo H a solid, professional presence. It is engineered to keep running in the everyday conditions of a busy workspace.

Connectivity that keeps you connected

- Two HDMI and one DisplayPort for flexible display setups

- Two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports for fast peripheral connections
- Gigabit Ethernet for reliable wired networking
- Dual band Wi-Fi for wireless flexibility
- Audio output and microphone input for communication and monitoring

Ready to work out of the box

Ubuntu Linux 24.04 LTS comes pre-installed, giving you a stable, familiar platform with a long support lifecycle. A TPM 2.0 header is also included to support your security requirements.

Proudly made in India

The Neo H is 100% designed and manufactured in India, backed by Thinvent's commitment to quality engineering.

Choose the Thinvent Neo H Mini PC and give your industrial and control applications the performance and reliability they deserve.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	14400
Cores	10
Max Frequency	4.7 GHz
Cache	20 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	4 GB
SSD Storage	128 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	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

H-i5_14d-[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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