



Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

Dual Band WiFi

Windows 11 Professional

SKU: H-I5_14D-8_8-M1024-19_7-M-11O-0



Power Where You Need It: The Thinvent Neo H Mini PC

The High Performance version of our bestselling Neo range, built for demanding industrial work.

Engineered around the Intel® Core™ i5-14400 processor, the Neo H brings 10 cores, boost speeds up to 4.7 GHz and a generous 20 MB cache to every task you throw at it. Multitasking, control software and data processing all run with the responsiveness your operation depends on.

Designed for the factory floor and beyond, the Neo H suits industrial control and similar applications where reliable performance matters. Its compact mini PC footprint slots into tight spaces, while the rugged steel base and aluminium cover, finished in powder-coated black, give it a robust, professional look.

Connectivity is comprehensive. Two HDMI ports and a DisplayPort let you drive multiple screens, while two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports connect your peripherals and equipment. Gigabit Ethernet delivers fast wired networking, and dual band Wi-Fi 5 keeps you connected wirelessly. Audio input and output are built in, and a TPM 2.0 header adds a layer of hardware security.

The Neo H comes ready for Windows 11 Professional, with 4GB of DDR4 RAM and 128GB of SSD storage, and ships with a 12V 5A adapter for straightforward setup.

Proudly 100% designed and made in India, the Neo H is the choice for businesses that want serious performance in a compact, dependable package.

Choose the Thinvent Neo H Mini PC and put industrial-grade power to work for you.



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	16 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	Microsoft Windows 11 Professional
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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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