



Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

Without OS

SKU: H-I5_14D-4-M2048-19_7-X-W_OS-0



Power Your Industrial Workflows with Desktop-Class Performance

Meet the Thinvent Neo H Mini PC, the high performance version of our bestselling Neo range and the largest, most capable model in the family. Built around the 14th generation Intel Core i5-14400 processor, it brings serious computing power to demanding industrial environments without the bulk of a traditional workstation.

With 10 cores and speeds of up to 4.7 GHz, the Neo H handles industrial control software, data processing and multitasking with confidence. Its generous processing headroom means your operations stay responsive, even when workloads run heavy.

Connectivity is where the Neo H truly shines. Two HDMI ports and a DisplayPort let you drive multiple screens for monitoring and control dashboards, while multiple USB 3.2 ports give you fast links to your peripherals, sensors and storage. Gigabit Ethernet keeps your network connection quick and reliable, ready to slot into your existing infrastructure.

Designed for the factory floor and the control room alike, the Neo H is suited to industrial control and similar applications where dependable performance matters. Its steel base and aluminium cover, finished in durable black powder coating, give it a robust, professional look that suits any setting.

Proudly 100% designed and made in India, the Neo H is a homegrown solution built to serve modern industry. Choose the Thinvent Neo H and give your operations the performance 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	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
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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_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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