



Thinvent Neo H Mini PC

Intel Core i7-14700 processor

20 core, up to 5.4 GHz, 33 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

Without OS

SKU: H-I7_14D-32-M2048-19_7-M-W_OS-0



Power That Fits on Your Desk: The Thinvent Neo H Mini PC

Compact enough to disappear behind a monitor, powerful enough to run serious industrial work all day.

The Thinvent Neo H Mini PC brings desktop-class performance into a footprint built for demanding environments. At its heart sits the Intel® Core™ i7-14700 processor, a 20-core engine that handles multitasking, control software and data-heavy tasks with ease. It is the High Performance member of our bestselling Neo family, and it is the largest and most capable model in the range.

This is a machine built for industrial control and similar applications, where reliability and responsiveness matter. Whether you are running monitoring systems, managing automation software or supporting a busy production floor, the Neo H keeps pace with the workload.

Connectivity is where the Neo H truly earns its place. Two HDMI outputs and a DisplayPort let you drive multiple screens for operators and supervisors. Four USB 3.2 ports give you fast, flexible connections for peripherals and data transfer, while gigabit Ethernet keeps your network-dependent systems moving quickly. Dual band Wi-Fi adds wireless flexibility where cabling is impractical.

Built to last, the Neo H features a steel base and aluminium cover with a durable powder-coated black finish. It looks professional on any desk or in any workspace, and it is 100% designed and made in India, so you can source with confidence.

The processor is cooled by the Intel Laminar boxed cooler, and the chassis accepts desktop Intel® Core™ and Core™ Ultra processors on socket boards, giving you room to grow as your needs evolve.

Choose the Thinvent Neo H Mini PC and put serious computing power exactly where you need it.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	14th
Series	i7
Processor Brand	Intel
Processor Model	14700
Cores	20
Max Frequency	5.4 GHz
Cache	33 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	32 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	0.91kg, 1.32kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

H-i7_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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