



Thinvent Neo H Mini PC

Intel Core i7-14700 processor

20 core, up to 5.4 GHz, 33 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I7_14D-32_32-M128-19_7-X-
DOS-KM



Unleash Industrial Power in a Compact Mini PC

Meet the Thinvent Neo H Mini PC, the high performance flagship of our bestselling Neo range. Built around the Intel® Core™ i7-14700 processor, with 20 cores and boost speeds up to 5.4 GHz, it handles demanding control and processing tasks with quick, confident response.

Designed for the factory floor and beyond, the Neo H delivers the performance you need in a footprint that fits almost anywhere. Its steel base and aluminium cover, finished in powder-coated black, combine a sturdy build with a sleek, professional look.

Connectivity is where the Neo H truly shines. With two HDMI outputs, a DisplayPort, two USB 3.2 Gen 2 ports, two USB 3.2 Gen 1 ports, gigabit Ethernet and audio inputs and outputs, you can connect your displays, peripherals and network with ease. A Thinvent keyboard and mouse set is included, so you can get started straight out of the box.

Suitable for industrial control and similar applications, the Neo H is built to keep running in demanding environments, with an operating range of 0°C to 40°C.

Proudly 100% designed and made in India, the Thinvent Neo H Mini PC is the choice for businesses that refuse to compromise on performance.

Ready to upgrade your workflow? Choose the Neo H today.



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	64 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
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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	1.42kg, 1.84kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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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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