



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)

256GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I7_14D-32_32-M256-19_7-X-
THINUX-KM



Power That Works As Hard As Your Operations

Meet the Thinvent® Neo H Mini PC, the high performance flagship of our bestselling Neo range. Built around a 14th generation Intel® Core™ i7-14700 processor with 20 cores, it is ready for demanding industrial control and similar applications where reliable performance matters most.

Designed and made in India, the Neo H pairs a robust steel base with a powder coated black aluminium cover, giving it a sturdy, professional look that suits both control rooms and shop floors.

The Neo H is ideal for

- Industrial control and automation, running the software your operations depend on
- Monitoring and data handling, with fast processing for demanding workloads
- Multi-display setups, thanks to two HDMI outputs and a DisplayPort

- Connected workspaces, with multiple USB 3.2 ports and gigabit Ethernet

Thinux™ Embedded Linux comes pre-installed, bringing a practical toolkit with Chromium and Mozilla Firefox browsers, LibreOffice, a PDF viewer and support for Java, Python and glibc based applications. Remote management is straightforward through RDP, SSH, VNC shadowing and browser based access, so you can keep an eye on your systems from wherever you are.

A keyboard and mouse set is included, so you can get up and running straight out of the box. Its compact form factor saves valuable desk space while delivering serious computing muscle.

Choose the Neo H when you need a workhorse that is quick to respond, built to keep running, and backed by the reliability of a homegrown Indian manufacturer.



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	256 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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