



Thinvent Neo H Mini PC

Intel Core i3-14100 processor

4 core, up to 4.7 GHz, 12 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

DOS

SKU: H-I3_14D-4-M2048-19_7-X-DOS-0



Compact Power, Built for the Factory Floor

The Thinvent Neo H Mini PC brings desktop-grade Intel performance into a compact, industrial-ready package. Powered by the Intel Core i3-14100 processor, it delivers quick, responsive computing for demanding control and monitoring tasks, all within a footprint that fits almost anywhere.

Designed as the High Performance version of our bestselling Neo range, the Neo H is built to handle the workloads that keep operations running. Its robust steel base and aluminium cover, finished in durable powder-coated black, help it stand up to the rigours of everyday industrial environments.

Connectivity is where the Neo H truly shines. You can connect to a wide range of displays and peripherals, with multiple HDMI and DisplayPort outputs, several USB 3.2 ports, a gigabit Ethernet connection for reliable wired networking, and dedicated audio inputs and outputs. Integrated TPM 2.0 support adds a layer of hardware-level security for sensitive applications.

Ideal for

- Industrial control and automation systems
- Machine monitoring and data collection
- Digital signage and kiosk management
- Point-of-sale and back-office operations
- Embedded and dedicated-purpose computing

Proudly designed and made in India, the Neo H is built by Thinvent for businesses that need dependable performance without compromise. Choose the Neo H for a workhorse that keeps your operations moving, day after day.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	14th
Series	i3
Processor Brand	Intel
Processor Model	14100
Cores	4
Max Frequency	4.7 GHz
Cache	12 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	FreeDOS
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Ordering Information

PRODUCT CODE

H-i3_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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