



Thinvent Neo H Mini PC

Intel Core i3-14100 processor

4 core, up to 4.7 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

SKU: H-I3_14D-4-M256-19_7-M-W_OS-0



Compact power for demanding industrial control

Meet the Thinvent Neo H Mini PC, the high performance member of our bestselling Neo range. Built around the Intel Core i3-14100 processor, it delivers quick, dependable computing in a small footprint that fits neatly into tight control cabinets and busy workstations.

Designed for industrial control and similar applications, the Neo H is built to handle everyday demands with a steady, responsive feel. Its 14th generation Intel processor offers four cores and a 12 MB cache, helping your tasks run smoothly from start to finish.

Connectivity is where the Neo H excels. You get multiple HDMI and DisplayPort outputs for connecting displays, two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports for peripherals and devices, gigabit Ethernet for wired networking, and dual band Wi-Fi for flexible wireless connections. Audio in and out ports and a TPM 2.0 header add further versatility.

The robust housing combines a steel base with an aluminium cover, finished in a powder coated black that looks professional and stands up to everyday use. Operating from 0°C to 40°C, it suits a wide range of working environments.

- Compact Mini PC design that saves valuable space
- Multiple display outputs for flexible setups
- Plenty of USB and networking options for connected operations
- Supplied with a 12V 5A adapter for straightforward installation
- Supplied without an operating system, so you can install the software you need

Designed and made in India, the Thinvent Neo H is an industrial workhorse ready to keep your operations moving.



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	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
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-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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