



Thinvent Neo H Mini PC

Intel Core i3-12100 processor

4 core, up to 4.3 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 Pro

SKU: H-I3_12D-4-M1024-19_7-X-11P-0



Compact Power, Built for the Factory Floor

Meet the Thinvent Neo H Mini PC, the High Performance flagship of our bestselling Neo range. Powered by the Intel® Core™ i3-12100 processor, it brings dependable computing muscle to spaces where a standard desktop simply won't cut it.

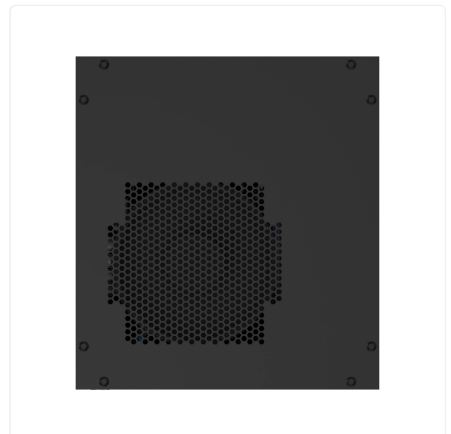
Whether you're running industrial control software, managing machine data or keeping production lines moving, the Neo H responds quickly and keeps going through demanding workdays. Its compact footprint slips neatly into tight control cabinets and crowded workstations, so you gain serious performance without sacrificing valuable space.

Connectivity is where the Neo H truly shines. You can link up to two HDMI displays and a DisplayPort screen, while multiple USB 3.2 ports let you connect sensors, scanners and peripherals with ease. Gigabit Ethernet keeps your network connection fast and reliable, and dedicated audio ports support alarms, announcements and voice communication.

Built with a robust steel base and aluminium cover in a powder-coated black finish, the Neo H is designed to look professional and handle everyday industrial life. It arrives with Windows 11 Pro preinstalled, giving you a familiar, secure environment from the moment you switch it on.

Proudly designed and made in India, the Neo H is ideal for industrial control, automation, kiosks and any application that calls for dependable performance in a compact package.

Choose the Thinvent Neo H Mini PC and give your operation the reliable, high-performance foundation it deserves.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	12100
Cores	4
Max Frequency	4.3 GHz
Cache	12 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	4 GB
SSD Storage	1024 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	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i3_12d-[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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