



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

32GB MLC SSD

No WiFi

Windows 11 Pro

SKU: H-I5_13-32_32-S32-12_5-X-11P-0



Unleash Industrial Power in a Compact Form Factor.

Introducing the Thinvent Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse, 100% designed and made in India, is engineered for demanding applications like industrial control, offering unparalleled reliability and power in a solid steel build.

Exceptional Performance

- Experience raw processing might with the Intel Core i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz.
- A substantial 12 MB cache boosts efficiency for data-intensive operations.
- 16GB DDR4 RAM ensures seamless multitasking, keeping your critical applications running smoothly.
- Pre-loaded with Microsoft Windows 11 Pro, providing a secure and familiar operating environment.

Built for Unwavering Reliability

- The robust 32GB MLC SSD offers enduring storage, optimized for industrial use cases with high read/write cycles.
- Encased in a solid steel housing with a durable black power coating, designed to withstand harsh environments.

- Operates reliably across temperatures from 0°C to 40°C and humidity from 20% to 80% RH.
- Backed by BIS, RoHS, and ISO certifications, guaranteeing quality and compliance.

Industrial-Grade Connectivity

- A host of connectivity options including 2x USB 3.2 and 2x USB 2.0 for peripheral integration.
- Versatile display outputs with 1x HDMI and 1x VGA for monitoring and control systems.
- Crystal-clear audio support with dedicated Speaker Out and Mic In ports.
- Gigabit Ethernet (1000 Mbps) provides rock-solid, high-speed network communication, vital for industrial control.
- Powered efficiently by a 12V 7A adapter with a 2-meter cable for flexible deployment.
- Its compact 210mm x 202mm x 80mm dimensions ensure easy integration into existing setups.

The Thinvent Neo H Mini PC is your resilient, high-performance solution, proudly made in India for mission-critical industrial applications.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i5_13-[RAM]-[SSD]-12_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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

