

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Pro

SKU: H-I5_13-8-M2048-12_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	8 GB
SSD Storage	2048 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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

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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