



# 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\_7-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 |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 1.72kg, 2.13kg        |

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## 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

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