



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM (2 x 8GB)

## 128GB SSD

## No WiFi

## Windows 11 IoT Value

## Thinvent Keyboard and Mouse set

SKU: H-I3\_13-8-8-M128-12\_5-X-11V-KM



Unleash Industrial Power with Thinvent® Neo H Mini PC: Your All-in-One Solution.

Discover the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, the Thinvent® Neo H Mini PC is a robust workhorse designed for reliability and versatility. Experience seamless multitasking and efficient operation powered by the Intel® Core™ i3-1315U processor, boasting 6 cores that reach up to 4.5 GHz with 10 MB cache. This formidable CPU, paired with 8GB of DDR4 RAM, ensures smooth performance even under heavy loads.

Ample storage is delivered through a rapid 512GB SSD, providing fast boot times and quick access to your critical data. Connect to a wide array of peripherals and displays with its comprehensive connectivity options, including 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 2 USB 3.2 ports, 2 USB 2.0 ports, and a robust 1000 Mbps Ethernet connection.

Built to endure, the Neo H Mini PC features a solid black steel housing with a durable powder coating, measuring a compact 210mm x 202mm x 80mm. This 100% designed and made in India powerhouse comes complete with a Thinvent® Keyboard and Mouse set and Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a secure and stable operating environment for industrial control and similar applications.

### Key Specifications

- Processor: Intel® Core™ i3-1315U (6 Cores, up to 4.5 GHz, 10 MB Cache)
- Memory: 8GB DDR4 RAM
- Storage: 512GB SSD
- Connectivity: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Windows 11 IoT Enterprise LTSC 2024 Value
- Build: Solid Steel, Powder Coated Black
- Included: Keyboard and Mouse set
- Origin: 100% Designed and Made in India.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 128 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   | 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 | 2.14kg, 2.56kg        |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

H-i3\_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

Thinix = Thinix™ 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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