



## Thinvent Neo H Mini PC

### Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

### 64GB DDR4 RAM (2 x 32GB)

### 1TB SSD

### Dual Band WiFi

### Ubuntu Linux

### Thinvent Keyboard and Mouse set

SKU: H-I3\_13-32\_32-M1024-12\_5-M-U-KM



Unleash Indian Industrial Power: The Thinvent® Neo H Mini PC.

Experience the ultimate in compact computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this powerhouse combines robust design with cutting-edge technology, all proudly 100% designed and made in India.

Powered by an Intel® Core™ i3-1315U processor, featuring 6 cores that reach up to 4.5 GHz with a 10 MB cache, the Neo H delivers exceptional processing capability for complex tasks and real-time control. The 4GB DDR4 RAM ensures smooth multitasking, while the 32GB MLC SSD provides fast, reliable storage for your critical data.

Connectivity is paramount with the Neo H. Boasting a wide array of ports, including 1 HDMI, 1 VGA, 2 USB 3.2, and 2 USB 2.0, along with a 1000 Mbps Ethernet port, this Mini PC ensures seamless integration into any industrial setup. Its dual-band Wi-Fi (802.11ac) offers versatile wireless networking.

Built for endurance, the Neo H features a solid steel housing with a durable black powder coating, designed to withstand harsh environments. It comes complete with a Thinvent® Keyboard and Mouse set and runs on Ubuntu Linux 24.04 LTS, offering a stable and secure operating system.

#### Key Specifications

- Processor: Intel® Core™ i3-1315U (6 Cores, up to 4.5 GHz, 10 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 32 GB MLC SSD
- Connectivity: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet, Dual Band Wi-Fi 5
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Ubuntu Linux 24.04 LTS
- Build: Solid Steel Housing, Black Powder Coating
- Dimensions: 210mm × 202mm × 80mm

The Thinvent® Neo H Mini PC: your reliable partner for industrial innovation.

# 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     | 64 GB   |
| SSD Storage     | 1024 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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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