



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I3\_13-16\_16-M512-12\_5-X-W\_OS-KM



Unleash industrial power in a compact form factor.

### Thinvent® Neo H Mini PC: Your Industrial Control Solution

Experience the High Performance version of our bestselling Neo model, now engineered for demanding industrial applications. This is our largest product, built to be an industrial workhorse with the powerful Intel® Core™ i3-1315U processor and robust RAM configuration. Designed and made in India with a solid steel build, the Neo H Mini PC offers exceptional durability and reliability.

#### Key Performance and Connectivity Features

- Processor: Intel® Core™ i3-1315U with 6 cores, reaching up to 4.5 GHz and a 10 MB cache for swift multitasking.
- Memory: 4 GB DDR4 RAM for efficient operation.
- Storage: A fast 32 GB MLC SSD for quick boot times and application loading.
- Display Outputs: 1 HDMI and 1 VGA port for versatile monitor connectivity.
- Audio: 1 Speaker Out and 1 Mic In for integrated audio solutions.
- USB Ports: 2 USB 3.2 and 2 USB 2.0 for extensive peripheral support.

- Networking: A high-speed 1000 Mbps Ethernet port for reliable wired connectivity.

#### Built for Tough Environments

- Power: 12V 7A adapter included, with a wide input range of 100~275 Volts AC.
- Durability: Constructed with a robust steel housing and a durable powder coating in black.
- Operating Conditions: Designed for use in temperatures from 0°C to 40°C with 20% to 80% RH humidity.
- Certifications: BIS, RoHS, and ISO certified for quality assurance.

#### Included Accessories and Important Notes

- Dimensions: A compact 210mm × 202mm × 80mm.
- Peripherals: Comes with a Thinvent® Keyboard and Mouse set.
- Operating System: Shipped without an operating system, allowing you to customize your software environment.
- Cable Length: 2 Metre power cable.



# 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     | 32 GB   |
| SSD Storage     | 512 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 | Without OS |
|------------------|------------|

## 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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