



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

**32GB DDR4 RAM (2 x 16GB)**

**512GB SSD**

**No WiFi**

**Without OS**

**Thinvent Keyboard and Mouse set**

SKU: H-I5\_13-16\_16-M512-12\_7-X-W\_OS-KM



## Unleash Industrial Power, Compactly Designed

Introducing the Thinvent® Neo H Mini PC: your compact powerhouse engineered for demanding industrial applications. This high-performance evolution of our bestselling Neo model boasts an Intel® Core™ i5-1335U processor, delivering exceptional speed with 10 cores and a max frequency of 4.6 GHz, supported by 12 MB of cache. Experience seamless multitasking and robust performance thanks to its 4GB DDR4 RAM and lightning-fast 32GB MLC SSD.

### Engineered for Reliability

Crafted with a durable black steel housing and a protective power coating, the Neo H Mini PC is built to withstand challenging environments. Its substantial 12V 7A adapter ensures stable power delivery, essential for continuous operation.

### Versatile Connectivity

Equipped with a comprehensive array of ports, this Mini PC offers unparalleled connectivity for your industrial control needs.

- 1 HDMI port

- 1 VGA port
- 1 Speaker Out
- 1 Mic In
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- 1000 Mbps Ethernet

### Designed for the Real World

Operating efficiently between 0°C ~ 40°C and 20% ~ 80% humidity, this device is ready for your operational demands. It includes a 2-meter power cable and is powered by a 100~275 Volts AC input. This package includes a Thinvent® Keyboard and Mouse set. Please note, this unit comes without an operating system, allowing you to customize it to your exact specifications.

Proudly 100% Designed and Made in India, certified with BIS, RoHS, and ISO standards, the Thinvent® Neo H Mini PC is the ultimate industrial workhorse.

- Dimensions: 210mm × 202mm × 80mm.



# 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     | 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   | 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 | 2.23kg, 2.65kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## 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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