



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 8GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: H-I3\_12-8-S256-12\_5-M-W\_OS-KM



## Unleash Unrivalled Power in a Compact Form Factor

Introducing the Thinvent® Neo H Mini PC – the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this powerhouse boasts a formidable Intel® Core™ i3-1215U processor featuring 6 cores that reach up to 4.4 GHz with a 10 MB cache, paired with a generous 8GB DDR4 RAM. Experience lightning-fast operations and seamless multitasking for your most demanding applications, including industrial control.

Dominating the competition with its robust configuration, the Neo H provides an expansive 1TB SSD for ample storage and rapid data access. Its large, solid steel chassis, finished in a sleek black powder coating, ensures durability and longevity. Designed and manufactured in India, this Mini PC embodies quality and reliability.

### Connectivity is paramount with the Neo H. It features a comprehensive array of ports

- HDMI: 1
- VGA: 1
- Speaker Out: 1
- Mic In: 1
- USB 3.2: 2

- USB 2.0: 2
- Ethernet: 1000 Mbps
- Dual Band Wi-Fi 5 (802.11ac) for seamless wireless networking.

Included is a Thinvent® Keyboard and Mouse set, ready for immediate use. Note that this product comes Without OS, allowing you the flexibility to choose your preferred operating system. Power up with the 12V 7A adapter, designed for global compatibility with a 100~275 Volts AC input.

### Specifications Highlight

- Processor Cores: 6
- Max Frequency: 4.4 GHz
- Cache: 10 MB
- Main Memory: 8 GB
- SSD Storage: 1024 GB

Built to withstand demanding environments, it operates efficiently between 0°C ~ 40°C with 20% ~ 80% RH non-condensing humidity. BIS, RoHS, and ISO certified. Dimensions: 210mm × 202mm × 80mm.

Experience the pinnacle of performance and connectivity with the Thinvent® Neo H Mini PC.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 8 GB    |
| SSD Storage     | 256 GB  |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| RS485 Option | 1 |

### 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 | 2.21kg, 2.63kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

H-i3\_12-[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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