



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## DOS

## Thinvent Keyboard and Mouse set

SKU: H-I5\_12-16-S256-12\_5-M-DOS-KM



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

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed for demanding applications, offering exceptional speed and robust connectivity.

### Uncompromising Performance

- Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, experience unparalleled multitasking and responsiveness for your critical operations.
- A generous 8GB DDR4 RAM ensures smooth execution of complex tasks, while the rapid 256GB SSD provides swift boot times and rapid data access.

### Versatile Connectivity

- Connect to a wide array of displays with 1 HDMI and 1 VGA port.
- Easily integrate audio devices with dedicated Speaker Out and Mic In.
- Benefit from high-speed data transfer with 2 USB 3.2 ports and 2 USB 2.0 ports.
- Experience reliable network performance with a 1000 Mbps Ethernet port.

- Stay connected wirelessly with Dual Band Wi-Fi 5 (802.11ac).

### Built for the Toughest Environments

- Housed in a robust black steel chassis with a durable power coating, this Mini PC is built to last.
- Operates reliably in temperatures from 0°C to 40°C and humidity levels of 20% to 80% RH (non-condensing).
- Compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained industrial settings.

### Complete Solution

- Includes a Thinvent® Keyboard and Mouse set to get you started immediately.
- Comes with FreeDOS, offering flexibility for your preferred operating system.
- Powered by a 12V 7A adapter with wide AC input compatibility (100~275 Volts AC).

### Designed and Made in India

- This product embodies Indian engineering excellence, with 100% design and manufacturing originating in India.
- Certified for BIS, RoHS, and ISO, ensuring quality and compliance.





# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 MB   |
| Main Memory     | 16 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 |

### 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 | 2.24kg, 2.66kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## Ordering Information

## PRODUCT CODE

H-i5\_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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