



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

**8GB DDR4 RAM**

**256GB SSD**

**No WiFi**

**Without OS**

SKU: H-I5\_12-8-S256-12\_5-X-W\_OS-0



## Unleash Industrial Power in a Compact Design

Introducing the Thinvent® Neo H Mini PC: Your Ultimate Industrial Workhorse, proudly designed and made in India. This is the high-performance evolution of our bestselling Neo model, engineered for demanding industrial control and similar applications.

### Processor Powerhouse

Experience unparalleled performance with the Intel® Core™ i5-1250P processor, boasting 12 cores that reach up to 4.4 GHz with a 12 MB cache. This configuration ensures lightning-fast multitasking and effortless handling of complex operations.

### Robust Memory and Storage

Equipped with 8GB of DDR4 RAM for seamless application switching and a spacious 512GB SSD for rapid data access and storage.

### Extensive Connectivity

**Connect all your peripherals with ease. Features include**

- 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 for reliable network connections

### Built for Durability

Crafted with a solid steel housing in a sleek black powder-coated finish, the Neo H Mini PC is built to withstand tough environments. Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained settings.

### Reliable Power and Operation

Includes a 12V 7A adapter with a 2-meter cable, compatible with 100~275 Volts AC power input. Operates reliably in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.

### Certifications and Flexibility

BIS, RoHS, and ISO certified for quality assurance. Supplied without an operating system, giving you the flexibility to install your preferred software.



# 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     | 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 |

### 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 | 1.73kg, 2.14kg        |

### OPERATING SYSTEM

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

## 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

[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

## R&amp;D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

## Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

