



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 64GB DDR4 RAM (2 x 32GB)

## 128GB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: H-I5\_12-32\_32-M128-12\_7-X-U-KM



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

Experience peak performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this compact yet robust powerhouse delivers exceptional processing capabilities to drive your operations.

### Key Performance Highlights

- Driven by an Intel® Core™ i5-1250P processor, featuring 12 cores that burst up to 4.4 GHz, all supported by a 12 MB cache for rapid data access.
- Comes equipped with 16GB of DDR4 RAM, ensuring smooth multitasking and efficient handling of complex workloads.
- Boasts a speedy 32GB MLC SSD for quick boot times and rapid application loading.

### Connectivity & Versatility

- Multiple display options with 1 HDMI and 1 VGA port for seamless integration with existing setups.
- A comprehensive array of ports includes 2 USB 3.2, 2 USB 2.0, a 1000 Mbps Ethernet port, Speaker Out, and Mic In for all your peripheral needs.
- Powered by a reliable 12V 7A adapter, with universal 100~275 Volts AC input for global compatibility.

### Built for Durability

- Housed in a robust black steel casing with a durable powder coating, this Mini PC is designed to withstand harsh environments.
- Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained industrial settings.
- Proudly 100% designed and made in India, adhering to BIS, RoHS, and ISO certifications.

### Effortless Operation

- Comes pre-installed with Ubuntu Linux 24.04 LTS, offering a stable and flexible open-source operating system.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.

### Specifications

- Processor: Intel® Core™ i5-1250P (12 Core, up to 4.4 GHz, 12 MB Cache)
- RAM: 16GB DDR4
- Storage: 32GB MLC SSD
- Adapter: 12V 7A, 2 Metre Cable
- Operating System: Ubuntu Linux 24.04 LTS
- Housing: Steel, Black Powder Coating
- Included Peripherals: Thinvent® Keyboard and Mouse

Invest in reliability and performance with the Thinvent® Neo H Mini PC.



thinvent



# 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     | 64 GB   |
| SSD Storage     | 128 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 | 2.34kg, 2.76kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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

