

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

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

**128GB SSD**

**No WiFi**

**Windows 11 Pro**

**Thinvent Keyboard and Mouse set**

SKU: H-I5\_12-16\_16-M128-12\_5-X-11P-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 for demanding industrial applications, this powerhouse combines robust construction with exceptional processing capabilities. Designed and manufactured in India, it's built to be your reliable workhorse.

### Key Specifications

- Processor: Intel® Core™ i5-1250P with 12 cores, reaching up to 4.4 GHz and 12 MB cache. Experience unparalleled speed and multitasking for critical operations.
- Memory: 32GB DDR4 RAM ensures smooth performance, even with complex industrial control software.
- Storage: A fast 32GB MLC SSD provides rapid boot times and application loading.
- Connectivity: Equipped with HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, and a Gigabit Ethernet port for seamless integration into any industrial setup.

- Power: Includes a 12V 7A adapter and a robust 100~275 Volts AC power input.
- Durability: Features a solid steel housing with a durable black powder coating, built to withstand harsh environments.
- Included Peripherals: Comes complete with a Thinvent® Keyboard and Mouse set.
- Operating System: Microsoft Windows 11 Pro pre-installed for enhanced productivity and security.

### Operating Environment

- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing
- Certifications: BIS, RoHS, ISO

Compact yet mighty, its dimensions of 210mm × 202mm × 80mm make it ideal for space-constrained industrial settings. Trust the Thinvent® Neo H Mini PC for reliable, high-performance computing.



# 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     | 32 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   | 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 | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## 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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