



## 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)**

**256GB SSD**

**No WiFi**

**DOS**

**Thinvent Keyboard and Mouse set**

SKU: H-I5\_12-32\_32-M256-12\_7-X-DOS-KM



Thinvent® Neo H Mini PC: Powerhouse Performance, Engineered for Industry.

Experience unmatched performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This industrial workhorse boasts a formidable Intel® Core™ i5-1250P processor featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, delivering exceptional processing power for demanding industrial control applications and beyond. Coupled with 8GB of DDR4 RAM and a lightning-fast 512GB SSD, multitasking and data access are seamless and swift.

#### Key Features and Benefits

- Unleash the power of a 12-core Intel® Core™ i5-1250P processor, reaching up to 4.4 GHz.
- Enjoy rapid data access and smooth multitasking with 8GB DDR4 RAM and a 512GB SSD.
- Connect with confidence using a comprehensive array of ports: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, 1 Speaker Out, 1 Mic In, and a 1000 Mbps Ethernet port.

- Designed for reliability and longevity, featuring a robust steel housing with a durable black powder coating.
- Operate with peace of mind thanks to the included 12V 7A adapter and a 2-meter power cable (100~275 Volts AC input).
- Built to withstand industrial environments with an operating temperature range of 0°C ~ 40°C and humidity support.
- Certified for quality and compliance: BIS, RoHS, ISO.
- Compact yet powerful, with dimensions of 210mm × 202mm × 80mm.
- Comes pre-loaded with FreeDOS, offering flexibility for your software needs.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- 100% designed and made in India, showcasing superior engineering and craftsmanship.



# 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     | 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   | 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 | 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

Thinux = Thinux™ 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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