



# Thinvent Neo H Mini PC

**Intel Core i3-1215U processor**

6 core, up to 4.4 GHz, 10 MB cache

**Dual LAN**

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

**1TB SSD**

**No WiFi**

**Windows 11 Pro**

**Thinvent Keyboard and Mouse set**

SKU: H-I3\_12L-32\_32-M1024-12\_7-X-11P-KM



Power where it matters most, reliably delivered.

## Introducing the Neo H Mini PC: The High-Performance Evolution

Building on our bestselling Neo platform, the Neo H represents our most capable industrial computer. Engineered as a true workhorse, it delivers robust processing power for demanding control and automation tasks, all within a remarkably compact steel chassis.

### Built for Demanding Environments

- Experience steadfast reliability with a solid steel construction, designed to withstand the rigours of industrial settings.
- Benefit from a host of connectivity options, enabling seamless integration with a wide array of peripherals and legacy systems.

- Deploy with confidence knowing it's 100% designed and made in India, supporting local industry and engineered for local conditions.

### Your Command Centre for Control

The Neo H is the intelligent core for industrial applications. From machine control and process monitoring to digital signage and kiosk management, it provides the dependable performance needed to keep operations running smoothly. Its powerful architecture handles multiple tasks effortlessly, ensuring your systems respond without delay.

Simplify your setup with the included Thinvent keyboard and mouse set, and leverage the professional features of Windows 11 Pro. Choose the Neo H for a compact, powerful, and utterly reliable computing solution that works as hard as you do.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 1024 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| RS485 Option | 1 |

### NETWORKING

|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### 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 | 2.31kg, 2.73kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

H-i3\_12l-[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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