



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

No WiFi

Ubuntu Linux

SKU: H-I3\_12-16\_16-M2048-12\_7-X-U-0



Thinvent® Neo H Mini PC: Unyielding Performance for India's Toughest Demands.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This is our largest, most powerful industrial workhorse, meticulously designed and 100% made in India for demanding applications like industrial control. Its solid steel build ensures unwavering reliability where it matters most.

### Unmatched Processing Power

- Experience superior performance with the Intel® Core™ i3-1215U processor, featuring 6 cores, speeds up to 4.4 GHz, and a 10 MB cache.
- Seamlessly multitask with a generous 16GB DDR4 RAM.
- Achieve lightning-fast boot-ups and rapid application loading from the 128GB SSD.
- Benefit from the robust, secure, and long-term stable Ubuntu Linux 24.04 LTS operating system.

### Industrial Connectivity and Resilient Design

- Access a comprehensive suite of connectivity: 2x USB 3.2, 2x USB 2.0, HDMI, VGA for dual displays, Speaker Out, and Mic In.
- Ensure mission-critical data flow with a reliable Gigabit Ethernet (1000 Mbps) connection, purpose-built for wired, secure environments that exclude WiFi.
- Power it reliably with a 12V 7A adapter, capable of operating on a wide 100~275 Volts AC input.
- Designed to thrive in tough conditions, operating between 0°C and 40°C with 20% to 80% RH non-condensing humidity.
- Housed in a durable, black powder-coated steel chassis (210mm x 202mm x 80mm) for exceptional longevity.
- Peace of mind comes with BIS, RoHS, and ISO certifications, affirming its quality and safety.

Empower your operations with the Thinvent® Neo H Mini PC – where raw power meets industrial-grade reliability, proudly made for India.



# 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     | 32 GB   |
| SSD Storage     | 2048 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| RS485 Option | 1 |

### 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 | 1.79kg, 2.21kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

H-i3\_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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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