



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

Windows 11 Pro

SKU: H-I3\_13-32\_32-M512-12\_7-X-11P-0



Unleash Unrivalled Performance: The Thinvent Neo H Industrial Powerhouse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This robust industrial workhorse, 100% designed and made in India, features a solid steel build for uncompromising durability and reliability in the most demanding environments. It's our largest product, engineered for critical applications.

### Performance Powerhouse

- Experience superior processing with the Intel® Core™ i3-1315U processor.
- Enjoy 6 cores operating up to 4.5 GHz, backed by a 10 MB cache for seamless multitasking and rapid data processing.
- Benefit from 4GB DDR4 RAM for smooth operation.
- Access blazing-fast boot times and ample storage with a generous 1TB SSD.

### Robust Connectivity

- Connect effortlessly with a host of options.
- Includes 1 HDMI and 1 VGA port for dual display setups.
- Utilize 2 high-speed USB 3.2 ports and 2 standard USB 2.0 ports for diverse peripherals.

- Ensure stable, high-speed networking with 1000 Mbps Gigabit Ethernet.
- Integrated Speaker Out and Mic In ports.

### Industrial Grade Durability

- Built to withstand challenging conditions, encased in a powder-coated black steel housing.
- Designed for wide power input of 100~275 Volts AC with a 2-metre cable, ensuring stable operation.
- Operates reliably across temperatures from 0°C to 40°C and humidity from 20% to 80% RH (non-condensing).
- Certified with BIS, RoHS, and ISO for quality and compliance.

### Pre-installed Operating System

- Comes ready for business with Microsoft Windows 11 Pro, offering enhanced security and productivity features.

Perfectly suited for industrial control and similar mission-critical applications, the Thinvent Neo H Mini PC delivers powerful configurations and unwavering stability where it matters most.





# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1315U   |
| Cores           | 6       |
| Max Frequency   | 4.5 GHz |
| Cache           | 10 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 512 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 | 1.72kg, 2.14kg        |

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**H-i3\_13-[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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