



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Without OS

SKU: H-I3\_13-16\_16-M256-12\_7-X-W\_OS-0



Unleash Industrial Power: The Neo H Mini PC - Built for Demanding Operations.

Introducing the Thinvent® Neo H Mini PC, the High Performance evolution of our bestselling Neo line. This industrial workhorse is our largest and most powerful Mini PC, 100% designed and made in India from solid steel, delivering uncompromising reliability for critical applications.

### Performance Power

Driven by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and 10 MB cache, the Neo H handles intensive tasks with ease. Coupled with a massive 32GB DDR4 RAM and a lightning-fast 256GB SSD, experience seamless multitasking and rapid data access.

### Connectivity and Industrial Design

Engineered for industrial control and similar robust applications, this Mini PC boasts a comprehensive host of connectivity options. Hook up to displays via HDMI and VGA, connect peripherals with two USB 3.2 and two USB 2.0 ports, and ensure stable network communication with a dedicated 1000 Mbps Ethernet port. Designed for secure, wired environments without WiFi and delivered Without OS for ultimate configuration flexibility, its robust 12V 7A power adapter ensures stable operation from 100~275V AC input.

### Durability and Reliability

Encased in a durable, powder-coated black steel housing (210mm × 202mm × 80mm), the Neo H is built to withstand challenging environments. Certified with BIS, RoHS, and ISO, and capable of operating from 0°C to 40°C with 20-80% non-condensing humidity, it's a testament to unwavering quality and resilience.



# 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     | 32 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 | 1.72kg, 2.14kg        |

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## 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

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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