

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

No WiFi

Ubuntu Linux

SKU: H-I5\_13-32\_32-S128-12\_5-X-U-0



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the high-performance evolution of our bestselling Neo series with the Thinvent® Neo H Mini PC. Our largest and most robust model, this industrial workhorse is 100% designed and made in India, engineered for demanding industrial control and similar applications. Its solid steel build ensures unparalleled durability in challenging environments.

### Unmatched Performance

- At its core is the Intel® Core™ i5-1335U processor, featuring 10 cores and reaching speeds up to 4.6 GHz with a 12 MB cache, delivering blazing-fast performance for complex tasks.
- Multitask effortlessly with 16GB DDR4 RAM, ensuring smooth operation even under heavy workloads.
- Experience lightning-fast boot times and rapid application loading thanks to the spacious 512GB SSD.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a stable, secure, and open-source platform optimized for industrial reliability.

### Robust Connectivity & Design

- Power your dual display setups with dedicated HDMI and VGA outputs.

- Connect a wide array of peripherals with two USB 3.2 and two USB 2.0 ports.
- Ensure stable, high-speed wired networking with 1000 Mbps Ethernet – designed without WiFi for enhanced security and reliability in critical operations.
- Audio input and output are available via Mic In and Speaker Out ports.
- Powered by a durable 12V 7A adapter with wide 100~275 Volts AC input compatibility and a 2-metre cable length.

### Built for Durability

- Housed in a resilient black, powder-coated steel chassis, measuring 210mm × 202mm × 80mm, this unit is built to withstand rigorous use.
- Operates reliably across a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH (non-condensing).
- Certified for quality and compliance with BIS, RoHS, and ISO standards.

The Thinvent® Neo H Mini PC combines raw power, extensive connectivity, and industrial-grade reliability in a compact, Made-in-India package.





# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 64 GB   |
| SSD Storage     | 128 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   | 5 Amps                                       |
| Power Input  | 100~240 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

H-i5\_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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