



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 8GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: H-I5\_13-8-S256-12\_5-M-U-KM



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

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this robust machine is 100% designed and made in India, boasting a solid steel build for unparalleled durability.

### Performance Powerhouse

- Powered by an Intel® Core™ i5-1335U processor featuring 10 cores that reach up to 4.6 GHz with a 12 MB cache, ensuring seamless multitasking and rapid processing for demanding applications.
- Dominate your workflow with a massive 64GB of DDR4 RAM, allowing for effortless handling of complex datasets and multiple simultaneous operations.
- Swiftly access your data and boot up in seconds with the 128GB SSD.

### Versatile Connectivity

- Connect to any display with HDMI and VGA outputs.
- Expand your audio setup with dedicated Speaker Out and Mic In ports.

- Enjoy high-speed peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Experience lightning-fast network speeds with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).

### Built for the Toughest Environments

- Housed in a durable black steel chassis with a powder coating finish.
- Operates reliably in temperatures from 0°C to 40°C with 20% ~ 80% RH humidity tolerance.
- Comes complete with a Thinvent® keyboard and mouse set.

### Ready for Action

- Ships with the stable and secure Ubuntu Linux 24.04 LTS operating system.
- Includes a 12V 7A adapter for reliable power delivery.
- Certified for BIS, RoHS, and ISO standards, guaranteeing quality and compliance.

### Compact and Capable

- Dimensions: 210mm × 202mm × 80mm – a space-saving solution for any industrial setting.

# 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     | 8 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | 2.14kg, 2.56kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**H-i5\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|             |                                         |                                         |                                      |                       |
|-------------|-----------------------------------------|-----------------------------------------|--------------------------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                     | <b>8</b> = 8GB DDR4                     | <b>16</b> = 16GB DDR4                | <b>32</b> = 32GB DDR4 |
|             | <b>32_32</b> = 64GB DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) |                       |
| SSD         | <b>m128</b> = 128GB                     |                                         | <b>m256</b> = 256GB                  |                       |
|             | <b>m512</b> = 512GB                     |                                         | <b>m1024</b> = 1TB                   |                       |
|             | <b>S32</b> = 32GB MLC                   |                                         | <b>S128</b> = 128GB                  |                       |
|             | <b>S256</b> = 256GB                     |                                         |                                      |                       |
| Wireless    | <b>m</b> = Dual Band WiFi               |                                         | <b>X</b> = No WiFi                   |                       |
| OS          | <b>DOS</b> = DOS                        |                                         | <b>W_OS</b> = Without OS             |                       |
|             | <b>11V</b> = Windows 11 IoT Value       |                                         | <b>11P</b> = Windows 11 Pro          |                       |
|             | <b>Thinux</b> = Thinux™ Embedded Linux  |                                         | <b>U</b> = Ubuntu Linux              |                       |
| Accessories | <b>0</b> = None                         |                                         | <b>KM</b> = Keyboard and Mouse set   |                       |
|             | <b>1S</b> = DB9 Serial                  |                                         | <b>MK</b> = Mechanical Keyboard      |                       |
|             | <b>Mo</b> = Wired Optical Scroll Mouse  |                                         |                                      |                       |

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