



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 8GB DDR4 RAM

## 2TB SSD

## Dual Band WiFi

## Without OS

SKU: H-I3\_13-8-M2048-12\_5-M-W\_OS-0



**Unleash Unrivalled Performance: The Industrial Powerhouse in a Compact Form.**

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line. This robust system, 100% designed and made in India, is engineered as an industrial workhorse, perfect for demanding industrial control and similar applications, all within a solid steel chassis.

### Performance Beyond Size

- Experience blistering speed with the Intel® Core™ i3-1315U processor, featuring 6 cores, up to 4.5 GHz max frequency, and a generous 10 MB cache for seamless multitasking and rapid data processing.
- Paired with 8GB DDR4 RAM and a lightning-fast 512GB SSD, boot times are instantaneous and applications run effortlessly.

### Comprehensive Connectivity and Durability

**Despite its compact dimensions of 210mm × 202mm × 80mm, the Neo H offers a host of connectivity options**

- Expand your workspace with 1 HDMI and 1 VGA port for versatile dual display support.

- Connect essential peripherals using 2 high-speed USB 3.2 and 2 USB 2.0 ports.
- Enjoy reliable wired networking through 1000 Mbps Ethernet, or flexible wireless access with dual-band Wi-Fi 5 (802.11ac).
- Audio needs are covered with dedicated Speaker Out and Mic In ports.
- Encased in a durable, powder-coated black steel housing, this Mini PC is engineered for longevity, operating reliably from 0°C to 40°C with 20% to 80% RH humidity (non-condensing).
- Powered by a robust 12V 7A adapter with a 2-metre cable, and compliant with BIS, RoHS, and ISO certifications, it guarantees performance and safety.

### Operating System Flexibility

- This unit comes without an operating system, offering you the freedom to install your preferred OS and customize your setup precisely to your needs.

# 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     | 8 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 |

### 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**H-i3\_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>m1024</b> = 1TB                   |                       |
|             | <b>m512</b> = 512GB                     | <b>S32</b> = 32GB MLC                   | <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>110</b> = Windows 11 Professional    | <b>Thinix</b> = Thinix™ 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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