



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

Dual Band WiFi

Windows 11 Pro

SKU: H-I3\_13-8\_8-M2048-12\_7-M-11P-0



Thinvent® Neo H Mini PC: Unrivalled Power for Industrial Demands.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse is our largest product, meticulously engineered and 100% designed and made in India, boasting a solid steel build for uncompromising durability.

### Unleash exceptional processing capability for demanding applications

#### Performance That Drives Productivity

- Intel® Core™ i3-1315U processor with 6 cores for efficient multitasking
- Blazing speeds up to 4.5 GHz and a generous 10 MB cache
- 16GB DDR4 RAM for seamless operation
- Lightning-fast 256GB SSD ensures rapid boot-ups and application loading
- Pre-installed with Microsoft Windows 11 Pro for enhanced security and features

#### Robust Connectivity for Any Environment

- Dual display support with 1 HDMI and 1 VGA port

- 2 USB 3.2 and 2 USB 2.0 ports for versatile peripheral connections
- Gigabit Ethernet (1000 Mbps) for stable wired networking
- Dual Band Wi-Fi 5 (802.11ac) for flexible wireless access
- Dedicated Speaker Out and Mic In ports

#### Engineered for Reliability

- Industrial-grade steel housing with a sleek black powder coating
- Wide operating temperature range: 0°C to 40°C
- Resistant to humidity: 20% to 80% RH (non-condensing)
- Certified for quality and safety: BIS, RoHS, ISO
- Compact dimensions: 210mm x 202mm x 80mm, designed to fit where you need it

The Neo H is the ideal solution for industrial control and similar applications, offering powerful CPU and RAM configurations in a robust package. Power it effortlessly with the included 12V 7A adapter and a 2-metre cable. Experience the difference of premium Indian engineering.

# 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     | 16 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   | 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         | <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<br>DDR4 RAM (2 x 32GB) | <b>16_16</b> = 32GB<br>DDR4 RAM (2 x 16GB) | <b>8_8</b> = 16GB DDR4<br>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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