



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM (2 x 8GB)

## 1TB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: H-I3-12-8-8-M1024-12-7-X-U-KM



Thinvent® Neo H Mini PC: Your Industrial Powerhouse, Made in India.

Unleash unparalleled productivity with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and designed with meticulous attention to detail, this robust machine is your ultimate workhorse.

### Powerful Performance

- Featuring a cutting-edge Intel® Core™ i3-1215U processor with 6 cores and a boost clock of up to 4.4 GHz, coupled with 10 MB of cache, the Neo H delivers exceptional speed and responsiveness for complex tasks.
- Experience smooth multitasking and efficient operation with 4GB DDR4 RAM.
- Swift boot times and rapid data access are guaranteed by the 128GB SSD.

### Versatile Connectivity

- This industrial workhorse boasts a comprehensive array of ports for all your peripheral needs.
- Enjoy crystal-clear visuals on compatible displays with 1 HDMI and 1 VGA output.
- Connect your audio devices with 1 Speaker Out and 1 Mic In.
- Effortlessly connect your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.

- Experience lightning-fast wired networking with 1000 Mbps Ethernet.

### Built for Durability

- Encased in a solid steel housing with a durable black powder coating, the Neo H is built to withstand the rigors of industrial environments.
- Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained settings.

### Seamless Operation

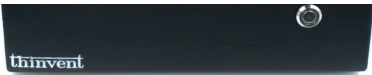
- Pre-loaded with Ubuntu Linux 24.04 LTS, the Neo H offers a stable and secure operating system tailored for professional use.
- The included Thinvent® Keyboard and Mouse set ensures an immediate and comfortable user experience.

### Reliable Power and Specifications

- Powered by a 12V 7A adapter, with a versatile 100~275 Volts AC input.
- Designed to operate in demanding conditions with an operating temperature range of 0°C ~ 40°C.
- Certified for quality and safety with BIS, RoHS, and ISO certifications.

This is more than just a mini PC; it's a testament to Indian engineering excellence, built to power your industrial future.





# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 1024 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| RS485 Option | 1 |

### 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 | 2.31kg, 2.73kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

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

## Ordering Information

### PRODUCT CODE

**H-i3\_12-[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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