



## Thinvent Neo H Mini PC

### Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

### 8GB DDR4 RAM

### 512GB SSD

### No WiFi

### Ubuntu Linux

SKU: H-I5\_14D-8-M512-19\_7-X-U-0



### Power That Works as Hard as You Do

Meet the Thinvent® Neo H Mini PC, the high performance flagship of our bestselling Neo range. Built around the Intel® Core™ i5-14400 processor, it delivers the speed and reliability demanded by industrial control and similar demanding applications.

Designed and made in India, the Neo H pairs a sturdy steel base with an aluminium cover, finished in a durable powder coated black that looks as purposeful as it performs.

#### Why choose the Neo H

- Strong processing power for demanding control tasks, so your operations stay responsive.
- Generous connectivity, with multiple HDMI and DisplayPort outputs, USB 3.2 ports and gigabit Ethernet to connect your equipment.

- Ubuntu Linux 24.04 LTS pre-installed, giving you a stable, familiar platform ready to work from the moment it arrives.
- A compact mini PC footprint that fits neatly into space-constrained installations.
- A TPM 2.0 header for added security options as your needs grow.

Whether you are running machine control, monitoring systems or automation workflows, the Neo H gives you the performance and connectivity to keep things moving.

Upgrade your industrial computing with the Thinvent® Neo H. Speak to our team today and find the right configuration for your operation.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |                |
|-----------------|----------------|
| Generation      | 14th           |
| Series          | i5             |
| Processor Brand | Intel          |
| Processor Model | 14400          |
| Cores           | 10             |
| Max Frequency   | 4.7 GHz        |
| Cache           | 20 MB          |
| Chipset         | Intel B760     |
| TPM             | TPM 2.0 header |
| Main Memory     | 8 GB           |
| SSD Storage     | 512 GB         |

### DISPLAY

|             |   |
|-------------|---|
| HDMI        | 2 |
| DisplayPort | 1 |

### AUDIO

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

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.2 Gen 2 | 2 |
| USB 3.2 Gen 1 | 2 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 19 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 1.5 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           | 181.5mm × 199.5mm × 72mm    |
| Packing Dimensions   | 340mm × 235mm × 105mm       |
| Housing Material     | Steel base, aluminium cover |
| Housing Finish       | Powder Coated               |
| Housing Colour       | Black                       |
| Net and Gross Weight | 0.91kg, 1.32kg              |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

H-i5\_14d-[RAM]-[SSD]-19\_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

m2048 = 2TB

S128 = 128GB

m128\_S128 = Dual 128GB

S128\_S32 = 128GB SSD + 32 GB MLC

m32\_S32 = 32GB SSD + 32 GB MLC

h1024 = 1TB HDD

n1024\_h1024 = 1TB NVMe SSD + 1TB HDD

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

m128\_S32 = 128GB SSD + 32 GB MLC

S128\_S128 = 128GB SSD + 128 GB MLC

S32\_S32 = 32GB MLC SSD + 32 GB MLC

n512\_h1024 = 512GB NVMe SSD + 1TB HDD

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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