



## Thinvent Neo H Mini PC

### Intel Core i3-14100 processor

4 core, up to 4.7 GHz, 12 MB cache

**4GB DDR4 RAM**

**512GB SSD**

**No WiFi**

**DOS**

SKU: H-I3\_14D-4-M512-19\_7-X-DOS-0



### Compact Power, Built for the Factory Floor

The Thinvent Neo H Mini PC brings desktop-grade Intel performance into a compact, industrial-ready package. Powered by the Intel Core i3-14100 processor, it delivers quick, responsive computing for demanding control and monitoring tasks, all within a footprint that fits almost anywhere.

Designed as the High Performance version of our bestselling Neo range, the Neo H is built to handle the workloads that keep operations running. Its robust steel base and aluminium cover, finished in durable powder-coated black, help it stand up to the rigours of everyday industrial environments.

Connectivity is where the Neo H truly shines. You can connect to a wide range of displays and peripherals, with multiple HDMI and DisplayPort outputs, several USB 3.2 ports, a gigabit Ethernet connection for reliable wired networking, and dedicated audio inputs and outputs. Integrated TPM 2.0 support adds a layer of hardware-level security for sensitive applications.

### Ideal for

- Industrial control and automation systems
- Machine monitoring and data collection
- Digital signage and kiosk management
- Point-of-sale and back-office operations
- Embedded and dedicated-purpose computing

Proudly designed and made in India, the Neo H is built by Thinvent for businesses that need dependable performance without compromise. Choose the Neo H for a workhorse that keeps your operations moving, day after day.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |                |
|-----------------|----------------|
| Generation      | 14th           |
| Series          | i3             |
| Processor Brand | Intel          |
| Processor Model | 14100          |
| Cores           | 4              |
| Max Frequency   | 4.7 GHz        |
| Cache           | 12 MB          |
| Chipset         | Intel B760     |
| TPM             | TPM 2.0 header |
| Main Memory     | 4 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 | FreeDOS |
|------------------|---------|

## Ordering Information

## PRODUCT CODE

H-i3\_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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