



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: H-I5\_12-8\_8-M1024-12\_7-X-11V-0



Unleash Compact Power, Engineered for Endurance.

Discover the Thinvent® Neo H Mini PC, a powerhouse meticulously designed for environments demanding robust performance and unwavering reliability. This sleek, compact solution is perfect for enterprise, industrial, and specialized IoT applications where space is premium and uptime is critical.

### Exceptional Performance Unpacked

- At its core, the Intel® Core™ i5-1250P processor, boasting 12 cores and speeds up to 4.4 GHz with a 12 MB cache, delivers formidable processing power for intensive tasks and seamless multitasking.
- Experience rapid system responsiveness and application loading thanks to a spacious 512GB SSD.
- Efficient 4GB DDR4 RAM ensures smooth operation, keeping your workflows optimized.

### Built for Reliability and Connectivity

- A comprehensive suite of ports including HDMI, VGA, two USB 3.2, two USB 2.0, and dedicated audio jacks provides versatile connectivity for all your peripherals and displays.
- Rely on a secure, stable 1000 Mbps wired Ethernet connection, ensuring consistent network performance without the vulnerabilities of wireless.
- Encased in a durable, powder-coated steel housing, this mini PC is engineered for longevity, capable of operating in diverse conditions from 0°C to 40°C, backed by BIS, RoHS, and ISO certifications.

### Secure and Enterprise-Ready

- Pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, it offers enhanced security, long-term support, and an optimized platform tailored for dedicated operational roles.

The Thinvent® Neo H Mini PC redefines efficiency and durability, providing a powerful, enterprise-grade computing experience in a remarkably small footprint.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1240P   |
| Cores           | 12      |
| Max Frequency   | 4.4 GHz |
| Cache           | 12 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 |

### 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 | 1.82kg, 2.24kg        |

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

H-i5\_12-[RAM]-[SSD]-12\_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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W\_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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