



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

**64GB DDR4 RAM (2 x 32GB)**

**1TB SSD**

**Dual Band WiFi**

**Thinux Embedded Linux**

SKU: H-I5\_13-32\_32-M1024-12\_5-M-THINUX-0



Thinvent Neo H: Industrial Power, Compact Design, Made in India.

Unleash uncompromised performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse is 100% designed and made in India, crafted for demanding applications from industrial control to data acquisition, and our largest product with powerful CPU and RAM configurations.

### Unrivalled Performance

- An Intel® Core™ i5-1335U processor (10 core, up to 4.6 GHz, 12 MB cache) for rapid processing.
- A substantial 32GB DDR4 RAM for seamless multitasking.
- A fast 128GB SSD ensures quick boot times and application responsiveness.

### Industrial-Grade Durability

- Its solid steel housing with a durable powder coating in black ensures longevity in challenging environments.
- Operational from 0°C to 40°C and 20% ~ 80% RH (non-condensing), it's designed to perform where others falter.
- Certified with BIS, RoHS, and ISO for quality and compliance.

### Comprehensive Connectivity

- A host of connectivity options including HDMI, VGA, 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac).
- Equipped with Mic In and Speaker Out for audio needs.
- Powered by a reliable 12V 7A adapter with a 2-metre cable.

### Intelligent OS, Seamless Control

- Experience enhanced security and efficiency with Thinvent® Thinux™ Embedded Linux.
- Built-in Chromium and Mozilla Firefox browsers.
- Advanced remote management with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, VNC shadowing, and browser-based control.
- Robust application support with Java, Python, and glibc.
- Includes LibreOffice, PDF viewer, multimedia player with MPEG4 support, and SIP video/voice over IP for versatile utility.

The Thinvent Neo H Mini PC combines raw power, robust construction, and intelligent software to deliver a reliable, high-performance solution for your most critical operations.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 64 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 5 Amps                                       |
| Power Input  | 100~240 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

|                  |                                                                                                                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                   |
| OS Features      | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

## Ordering Information

## PRODUCT CODE

H-i5\_13-[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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