



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I5\_13-8\_8-M1024-12\_7-X-  
THINUX-0



Unmatched Power in a Robust Form: The Thinvent® Neo H Mini PC.

Experience the pinnacle of industrial computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This is our largest, most powerful offering, engineered to be an indispensable industrial workhorse. Proudly 100% designed and made in India, its solid steel construction ensures unparalleled durability in demanding environments.

### Performance That Drives Productivity

- At its core, an Intel® Core™ i5-1335U processor boasts 10 cores, a blazing 4.6 GHz max frequency, and a 12 MB cache, delivering exceptional processing power for complex tasks.
- Paired with 4GB DDR4 RAM and a rapid 32GB MLC SSD, expect swift boot-ups, seamless multitasking, and reliable data access.

### Advanced Operating System & Management

- Powered by Thinvent® Thinux™ Embedded Linux, this system offers a secure, stable, and feature-rich platform.

- Enjoy robust remote management capabilities with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based remote management, and VNC shadowing, ensuring easy control from anywhere.
- Support for Java, Python, and glibc-based applications, alongside Chromium, Firefox, LibreOffice, and multimedia playback, provides extensive functionality for industrial control and diverse applications.

### Comprehensive Connectivity & Durability

- A host of connectivity options includes 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, HDMI, VGA, Speaker Out, and Mic In, ready for any peripheral or dual-display setup.
- Its black, power-coated steel housing (210mm × 202mm × 80mm) is built to withstand rigorous industrial conditions.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

The Neo H Mini PC is specifically designed for industrial control and similar high-demand applications, providing reliable performance and extensive features in a compact, rugged package.



# 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     | 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 | 1.72kg, 2.13kg        |

### OPERATING SYSTEM

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

## 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

Thinix = Thinix™ 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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