



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 32GB DDR4 RAM (2 x 16GB)

## 256GB SSD

## No WiFi

## Thinux Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: H-I5\_13-16\_16-M256-12\_5-X-  
THINUX-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, engineered for demanding industrial applications. This high-performance evolution of our bestselling Neo model is your ultimate workhorse, delivering exceptional processing power and extensive connectivity in a compact, robust form factor.

### Powerful Performance

- Intel® Core™ i5-1335U processor: Featuring 10 cores, a blistering 4.6 GHz max frequency, and 12 MB cache for unparalleled processing speed.
- Massive 64GB DDR4 RAM: Effortlessly handle complex tasks and multitasking.
- Speedy 32GB MLC SSD: Quick boot times and rapid data access.

### Robust Connectivity

- Versatile display options: 1 HDMI and 1 VGA port.
- Essential audio ports: 1 Speaker Out and 1 Mic In.
- Ample USB ports: 2 USB 3.2 and 2 USB 2.0 for all your peripherals.
- High-speed networking: 1000 Mbps Ethernet for reliable data transfer.

### Built for the Toughest Environments

- Durable steel housing with a sleek black powder coating.
- Compact dimensions: 210mm × 202mm × 80mm.
- Operates reliably between 0°C ~ 40°C with 20% ~ 80% non-condensing humidity.

### Thinux™ Embedded Linux

- Optimized for efficiency and security.
- Includes Chromium and Mozilla Firefox for web browsing.
- Seamless remote access with RDP 10, Putty, and SSH.
- Browser-based management and VNC shadowing.
- Supports Java, Python, glibc location applications.
- Comes with LibreOffice, PDF viewer, and a multimedia player.
- Enables SIP video and voice over IP communication.

### Complete Solution

- Includes a Thinvent® Keyboard and Mouse set.
- Powered by a reliable 12V 7A adapter (100~275 Volts AC input).
- 100% designed and made in India.
- Certified by BIS, RoHS, and ISO.





# 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     | 32 GB   |
| SSD Storage     | 256 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   | 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 | 2.14kg, 2.56kg        |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### 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

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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