



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 4GB DDR4 RAM

## 512GB SSD

## No WiFi

## Thinix Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: H-I5\_13-4-M512-12\_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 x 202mm x 80mm.
- Operates reliably between 0°C ~ 40°C with 20% ~ 80% non-condensing humidity.

### Thinix™ 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

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 4 GB    |
| SSD Storage     | 512 GB  |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

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|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

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|         |   |
|---------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |

### NETWORKING

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|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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

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

### OPERATING SYSTEM

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|                  |  |
|------------------|--|
| 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  |  |
|---|--|
| <b>H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| <b>RAM</b>  | <b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4<br><b>64</b> = 64GB DDR4   |
| <b>SSD</b>  | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><b>m1024</b> = 1TB <b>S32</b> = 32GB MLC<br><b>S128</b> = 128GB <b>S256</b> = 256GB      |
| <b>Wireless</b>   | <b>m</b> = Dual Band WiFi <b>X</b> = No WiFi   |
| <b>OS</b>   | <b>DOS</b> = DOS <b>W_OS</b> = Without OS<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux |
| <b>Accessories</b>  | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>1S</b> = DB9 Serial <b>MK</b> = Mechanical Keyboard<br><b>Mo</b> = Wired Optical Scroll Mouse                       |

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