

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB MLC SSD

## No WiFi

## Thinux Embedded Linux

SKU: H-I5\_13-16-S32-12\_5-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 16GB 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

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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     | 16 GB   |
| SSD Storage     | 32 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 | 1.62kg, 2.04kg        |

### 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>64</b> = 64GB DDR4                  |                     | <b>32</b> = 32GB DDR4              |
| <b>SSD</b>  | <b>m128</b> = 128GB                    |                     | <b>m256</b> = 256GB                |
|   | <b>m32</b> = 32GB                      |                     | <b>m512</b> = 512GB                |
|   | <b>m1024</b> = 1TB                     |                     | <b>S32</b> = 32GB MLC              |
|   | <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           |
|   | <b>11V</b> = Windows 11 IoT Value      |                     | <b>11P</b> = Windows 11 Pro        |
|   | <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 |
|   | <b>1S</b> = DB9 Serial                 |                     | <b>MK</b> = Mechanical Keyboard    |
|   | <b>Mo</b> = Wired Optical Scroll Mouse |                     |                                    |

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