



## 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)

256GB SSD

No WiFi

DOS

SKU: H-I5\_13-32\_32-S256-12\_5-X-DOS-0



Unleash Industrial Power in a Compact Indian-Made Giant.

Thinvent® Neo H Mini PC: The ultimate high-performance evolution of our bestselling Neo series, engineered for demanding industrial environments. As our largest and most powerful model, this Made-in-India workhorse combines robust design with exceptional processing capabilities, perfect for industrial control and similar applications.

#### Power and Performance

- Drive critical applications with the Intel® Core™ i5-1335U processor, featuring 10 cores and speeds up to 4.6 GHz with a 12 MB cache, ensuring seamless multitasking and rapid data processing.
- Experience unparalleled responsiveness with 32GB DDR4 RAM, ready to handle intensive workloads.
- The 32GB MLC SSD provides reliable, swift boot-up and core application performance for critical systems.

#### Built for Industry



- Encased in a solid steel housing with a durable black powder coating, the Neo H is designed to withstand the rigors of industrial settings.
- Operate reliably in temperatures from 0°C to 40°C and humidity up to 80% RH.
- Enjoy extensive connectivity with 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0 ports, a 1000 Mbps Ethernet port, and convenient speaker out/mic in jacks, perfect for connecting various peripherals.
- Power flexibility is assured with a 12V 7A adapter and a wide 100~275V AC input, featuring a 2-meter cable for versatile placement.
- Proudly 100% designed and made in India, certified with BIS, RoHS, and ISO standards for unparalleled quality and compliance.
- Ships with FreeDOS, offering the flexibility to install your preferred operating system.

This powerhouse is your reliable partner for crucial 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     | 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## Ordering Information

| PRODUCT CODE                                           |                                                                            |                                                               |                                                                   |
|--------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------|
| H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] |                                                                            |                                                               |                                                                   |
| RAM                                                    | 4 = 4GB DDR4<br>32_32 = 64GB DDR4 RAM (2 x 32GB)                           | 8 = 8GB DDR4<br>16_16 = 32GB DDR4 RAM (2 x 16GB)              | 16 = 16GB DDR4<br>8_8 = 16GB DDR4 RAM (2 x 8GB)<br>32 = 32GB DDR4 |
| SSD                                                    | m128 = 128GB<br>m512 = 512GB<br>S32 = 32GB MLC<br>S256 = 256GB             | m256 = 256GB<br>m1024 = 1TB<br>S128 = 128GB                   |                                                                   |
| Wireless                                               | m = Dual Band WiFi                                                         | X = No WiFi                                                   |                                                                   |
| OS                                                     | DOS = DOS<br>11V = Windows 11 IoT Value<br>Thinux = Thinux™ Embedded Linux | W_OS = Without OS<br>11P = Windows 11 Pro<br>U = Ubuntu Linux |                                                                   |
| Accessories                                            | 0 = None<br>1S = DB9 Serial<br>Mo = Wired Optical Scroll Mouse             | KM = Keyboard and Mouse set<br>MK = Mechanical Keyboard       |                                                                   |

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
#11 Sports Complex  
Salvador Do Mundo  
North Goa - 403101, India

**Sales**  
UGF-10-A Omaxe Gurgaon Mall  
Sector 49, Sohna Road  
Gurgaon - 122018, India

