



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 32GB DDR4 RAM

## 512GB SSD

## No WiFi

## DOS

## DB9 Serial

SKU: H-I5\_13-32-M512-12\_5-X-DOS-1S



Unleash Unrivaled Industrial Power: Introducing the Thinvent® Neo H Mini PC.

The High Performance version of our bestselling Neo model, this is your ultimate industrial workhorse. Engineered and 100% Made in India, the Neo H boasts a robust solid steel build with a black powder coating, designed for relentless reliability in demanding environments. It's our largest product, meticulously configured to deliver exceptional processing power and extensive connectivity.

### Power and Performance

- Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache
- 16GB DDR4 RAM for seamless multitasking
- 256GB SSD for rapid boot-ups and application loading

This powerful combination effortlessly handles complex tasks, making it ideal for industrial control and similar high-demand applications.



### Connectivity and Durability

- Comprehensive port selection: 1 DB9 male RS232 Serial Port for legacy industrial equipment, 1000 Mbps Ethernet for reliable network communication, 2 USB 3.2 ports, 2 USB 2.0 ports, 1 HDMI, 1 VGA, Speaker Out, and Mic In.
- Wide operating temperature: 0°C ~ 40°C
- Wide operating humidity: 20% ~ 80% RH, non condensing
- Stable 12V 7A DC power input from a 100~275V AC adapter with a 2-metre cable
- Compact dimensions: 210mm x 202mm x 80mm

Equipped with FreeDOS, the Neo H offers a flexible platform for your specialized software. Certified with BIS, RoHS, and ISO, you can trust in its quality and compliance. Power your operations with Thinvent® Neo H – where raw power meets unwavering reliability.

# 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	512 GB

### DISPLAY

---

HDMI	1
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1

### CONNECTIVITY

---

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

### 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	
<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 <b>64</b> = 64GB 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

[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

