



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

**32GB DDR4 RAM**

**256GB SSD**

**No WiFi**

**Without OS**

SKU: H-I3\_13-32-M256-12\_5-X-W\_OS-0



Unleash Industrial Power: The Neo H Mini PC - Built for Demanding Operations.

Introducing the Thinvent® Neo H Mini PC, the High Performance evolution of our bestselling Neo line. This industrial workhorse is our largest and most powerful Mini PC, 100% designed and made in India from solid steel, delivering uncompromising reliability for critical applications.

### Performance Power

Driven by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and 10 MB cache, the Neo H handles intensive tasks with ease. Coupled with a massive 32GB DDR4 RAM and a lightning-fast 256GB SSD, experience seamless multitasking and rapid data access.

### Connectivity and Industrial Design

Engineered for industrial control and similar robust applications, this Mini PC boasts a comprehensive host of connectivity options. Hook up to displays via HDMI and VGA, connect peripherals with two USB 3.2 and two USB 2.0 ports, and ensure stable network communication with a dedicated 1000 Mbps Ethernet port. Designed for secure, wired environments without WiFi and delivered Without OS for ultimate configuration flexibility, its robust 12V 7A power adapter ensures stable operation from 100~275V AC input.

### Durability and Reliability

Encased in a durable, powder-coated black steel housing (210mm x 202mm x 80mm), the Neo H is built to withstand challenging environments. Certified with BIS, RoHS, and ISO, and capable of operating from 0°C to 40°C with 20-80% non-condensing humidity, it's a testament to unwavering quality and resilience.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

---

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 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	1.62kg, 2.04kg

### OPERATING SYSTEM

---

Operating System	Without OS
------------------	------------

## Ordering Information

PRODUCT CODE	
<b>H-i3_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

